



Kerr-McGee Oil & Gas OnShore LP
1999 Broadway, Suite 3700, Denver, Colorado 80202
303-296-3600 • Fax 303-296-3601

April 10, 2006

Ms. Diana Whitney
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Bonanza 1023-18A
T10S-R23E
Section 18: NENE
283' FNL, 434' FEL
Uintah County, Utah

Dear Ms. Whitney:

Kerr-McGee Oil & Gas Onshore LP, formerly known as Westport Oil and Gas Company, L.P. has submitted a permit to drill the captioned well to test the Wasatch and Mesaverde formations. The well is located at an exception location to Spacing Order 179-12. The well location was moved for topographic reasons. Kerr-McGee owns 100% of the leasehold within 460 feet of the exception location of the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location. If you have any questions, call me at 720-264-2618. Thank you for your assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'W. Chris Latimer', with a stylized flourish at the end.

W. Chris Latimer, CPL
Senior Landman

cc: Raleen Weddle

RECEIVED
APR 13 2006
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No.
UTU-38421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.

BONANZA 1023-18A

9. API Well No.
43-047-78243

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area

SECTION 18, T10S, R23E

12. County or Parish
UINTAH

13. State
UTAH

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE LP

3A. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **NENE 283'FNL, 434'FEL 640001X 39.955275**
At proposed prod. Zone **4423869Y - 109.361017**

14. Distance in miles and direction from nearest town or post office*
26.25 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) **283'**

16. No. of Acres in lease
637.40

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. **REFER TO
TOPO C**

19. Proposed Depth
8120'

20. BLM/BIA Bond No. on file
BOND NO. 2971100-2533

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5345'GL

22. Approximate date work will start*

23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

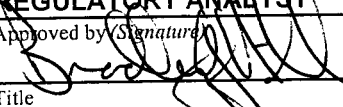
- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized office.

25. Signature 

Name (Printed/Typed)
SHEILA UPCHEGO

Date
6/1/2006

Title
REGULATORY ANALYST

Approved by (Signature) 

Name (Printed/Typed)
BRADLEY G. HILL
Office **ENVIRONMENTAL MANAGER**

Date
06-15-06

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

JUN 05 2006

N89°31'E - 2660.46' (G.L.O.)

**BONANZA #1023-18A
NE/NE Sec. 18, T10S,R23E
UINTAH COUNTY, UTAH
UTU-38421**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1174'
Top of Birds Nest Water	1337'
Mahogany	1931'
Wasatch	4055'
Mesaverde	6273'
MVU2	7079'
MVL1	7647'
TD	8120'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Water	Green River	1174'
	Top of Birds Nest Water	1337'
	Mahogany	1931'
	Wasatch	4055'
Gas	Mesaverde	6273'
Gas	MVU2	7079'
Gas	MVL1	7647'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8120' TD, approximately equals 5034 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3248 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.



KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE June 1, 2006
 WELL NAME **BONANZA 1023-18A** TD 8,120' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,345' GL KB 5,360'
 SURFACE LOCATION NENE SECTION 18, T10S, R23E 283'FNL, 434'FEL BHL Straight Hole
 Latitude: 39.955439 Longitude: 109.361650
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.

GEOLOGICAL FORMATION			MECHANICAL		
LOGS	TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 32.3#, H-40, STC	Air mist
Catch water sample, if possible, from 0 to 4,055'					
	Green River @	1,174'			
	Top of Birds Nest Water @	1,337'			
	Mahogany @	1,931'			
	Preset f/ GL @	1,940' MD			
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
Mud logging program TBD Open hole logging program f/ TD - surf csg					
	Wasatch @	4,055'			
	Mverde @	6,273'			
	MVU2 @	7,079'			
	MVL1 @	7,647'			
			7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-11.0 ppg
					Max anticipated Mud required 11.0 ppg
		TD @ 8,120'			

KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 1940	32.30	H-40	STC	0.79*****	1.51	4.63
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8120	11.60	I-80	LTC	2.72	1.37	2.45

- 1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft - partial evac gradient x TVD of next csg point))
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft - partial evac gradient x TD)
- (Burst Assumptions: TD = 11.0 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
- MASP 2858 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
Option 2	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,550'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	390	60%	11.00	3.38
	TAIL	4,570'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1280	60%	14.30	1.31

- *Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
- *Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

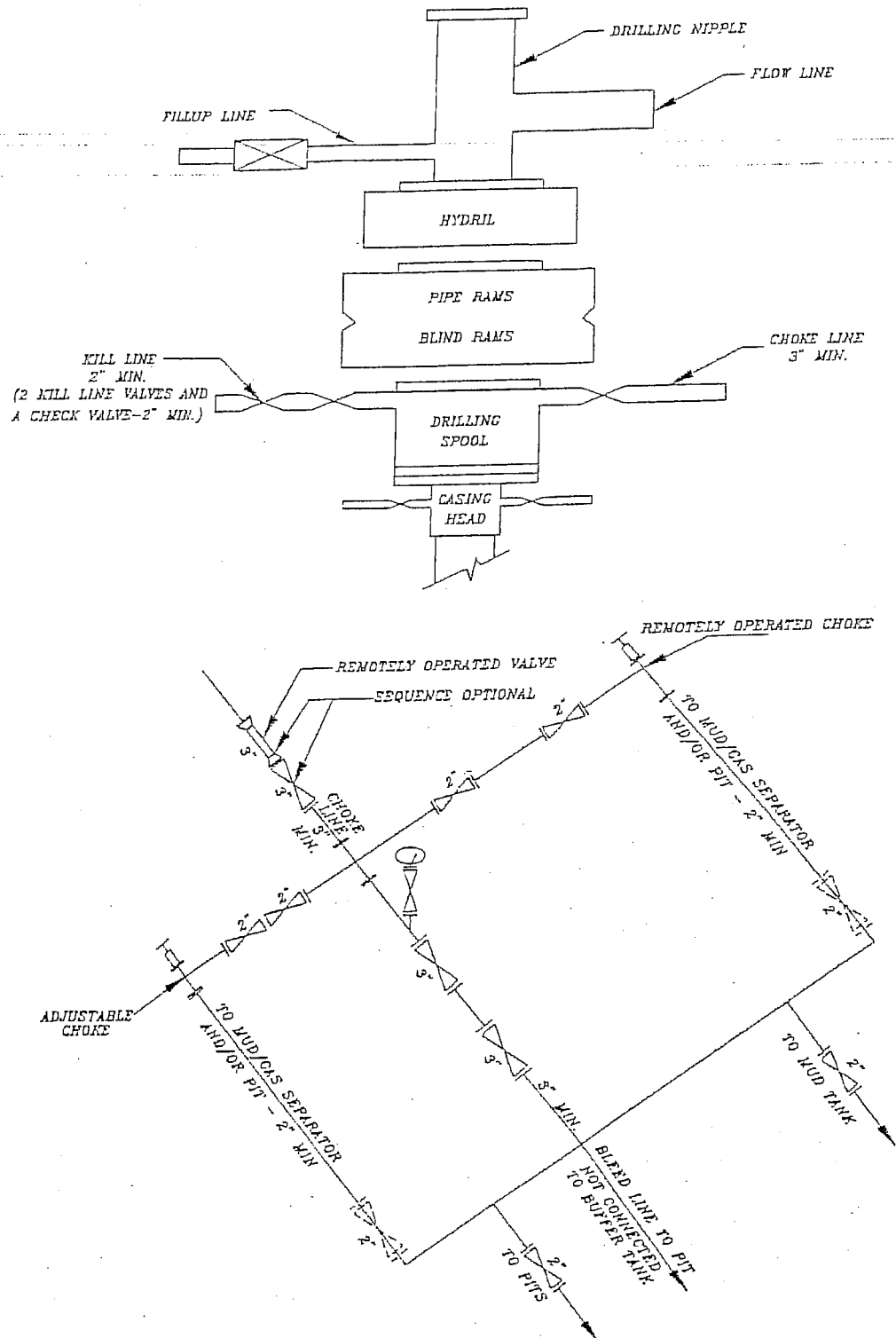
DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**BONANZA 1023-18A
NE/NE SECTION 18, T10S, R23E
UINTAH COUNTY, UTAH
UTU-38421**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 200' +/- of new access roads is proposed. And Approximately 450' +/- of re-route road is proposed. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities & Pipelines

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Variances to Best Management Practices (BMP) Requests:

Approximately 3100' of 4" and Approximately 3100' of 4" steel pipeline is proposed from the location to tie-in to an proposed pipeline. Please refer to the Topo Map D. The pipeline will be butt-welded together. The operator will rip out the road for pipeline crossing. As discussed at the on-site inspection.

The pipeline shall be installed on surface within access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for drilled seeds are:

Crested Wheatgrass	4 lbs.
Needle and Thread Grass	4 lbs
Indian Rice Grass	4 lbs.

The operator shall call BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435) 781-4400

12. Other Information:

A Class III Archaeological Report has been performed and completed on April 27, 2005, the Archaeological Report No. 05-115.

Paleontological Reconnaissance Report has been performed and completed on May 26, 2006, the Paleontological Report No. 06-89.

WILDLIFE STIPULATIONS:

MEXICAN SPOTTED OWL: The operator will be committed to perform a one year survey for the MSO in the buffer zone. After a one year survey is complete and no findings of the MSO is found, the operator will not commence any construction or drilling activities from **March 15th – June 15th**.

CRITICAL WILDLIFE HABITAT: No construction or drilling activity May 10th – July 15th. Submit a letter to the BLM requesting a stipulation waiver.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

13. Lessee's or Operators's Representative & Certification:

Sheila Upchego
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

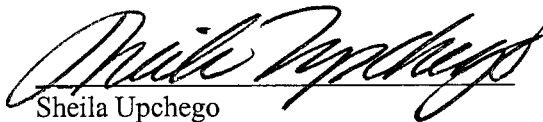
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #2971100-2533.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego

June 1, 2006

Date

KERR-MCGEE OIL & GAS ONSHORE LP
BONANZA #1023-18A
SECTION 18, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 200' TO THE PROPOSED LOCATION

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 57.25 MILES.

KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-18A

LOCATED IN UINTAH COUNTY, UTAH
SECTION 18, T10S, R23E, S.L.B.&M.

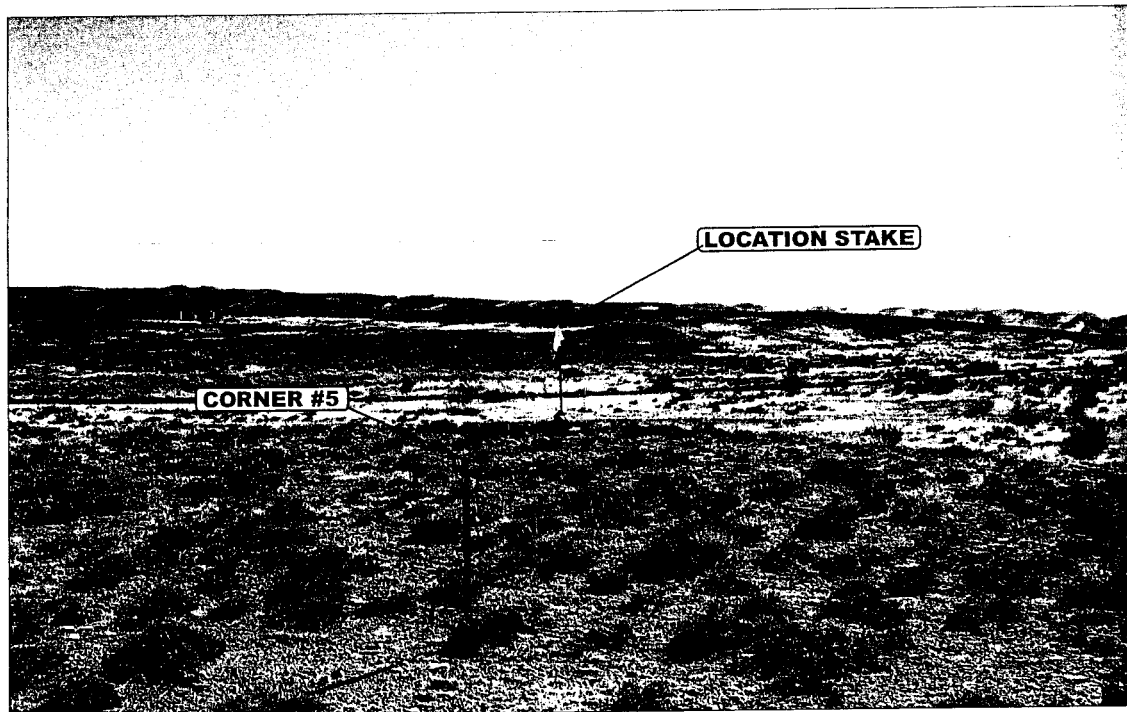


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

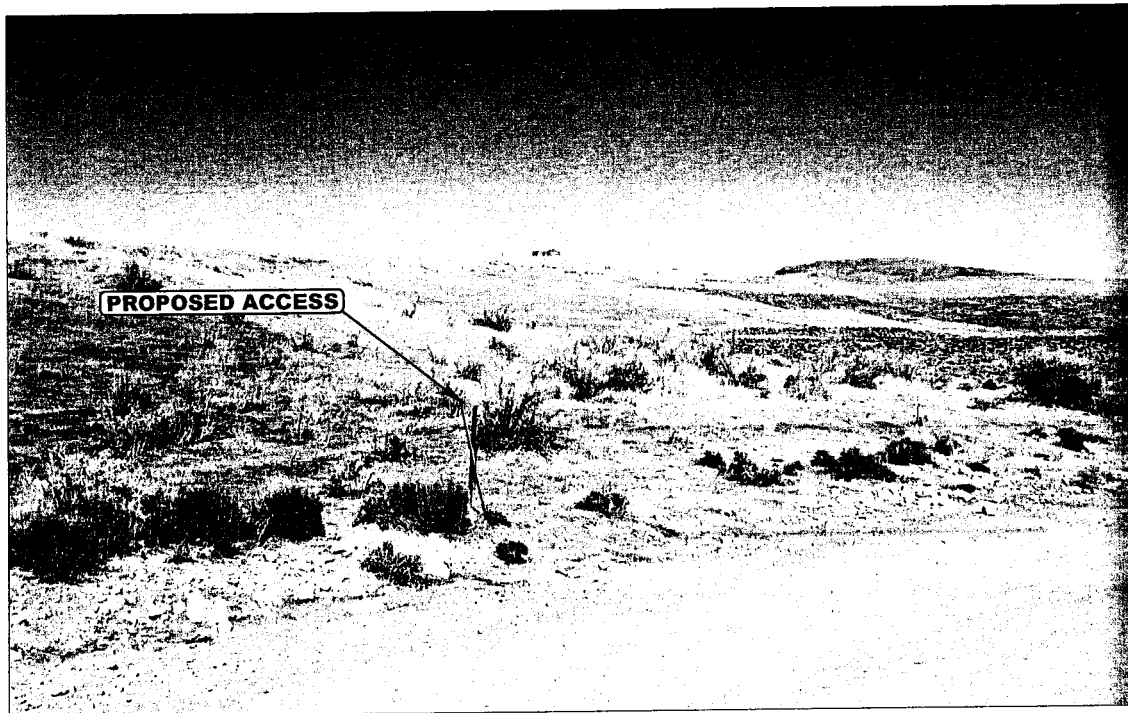


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

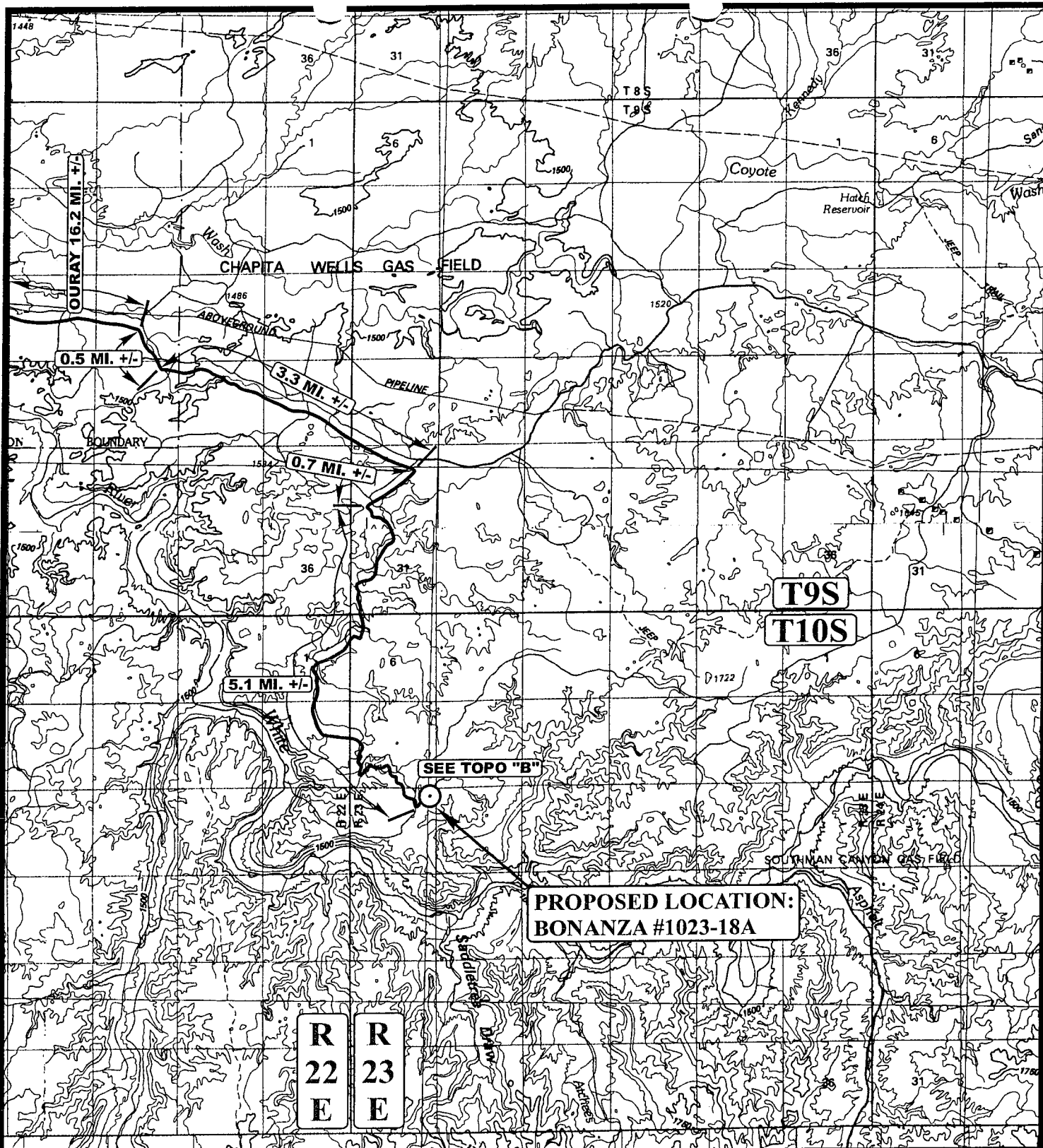
03 13 06
MONTH DAY YEAR

PHOTO

TAKEN BY: J.R.

DRAWN BY: LDK

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION



KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-18A

SECTION 18, T10S, R23E, S.L.B.&M.

283' FNL 434' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

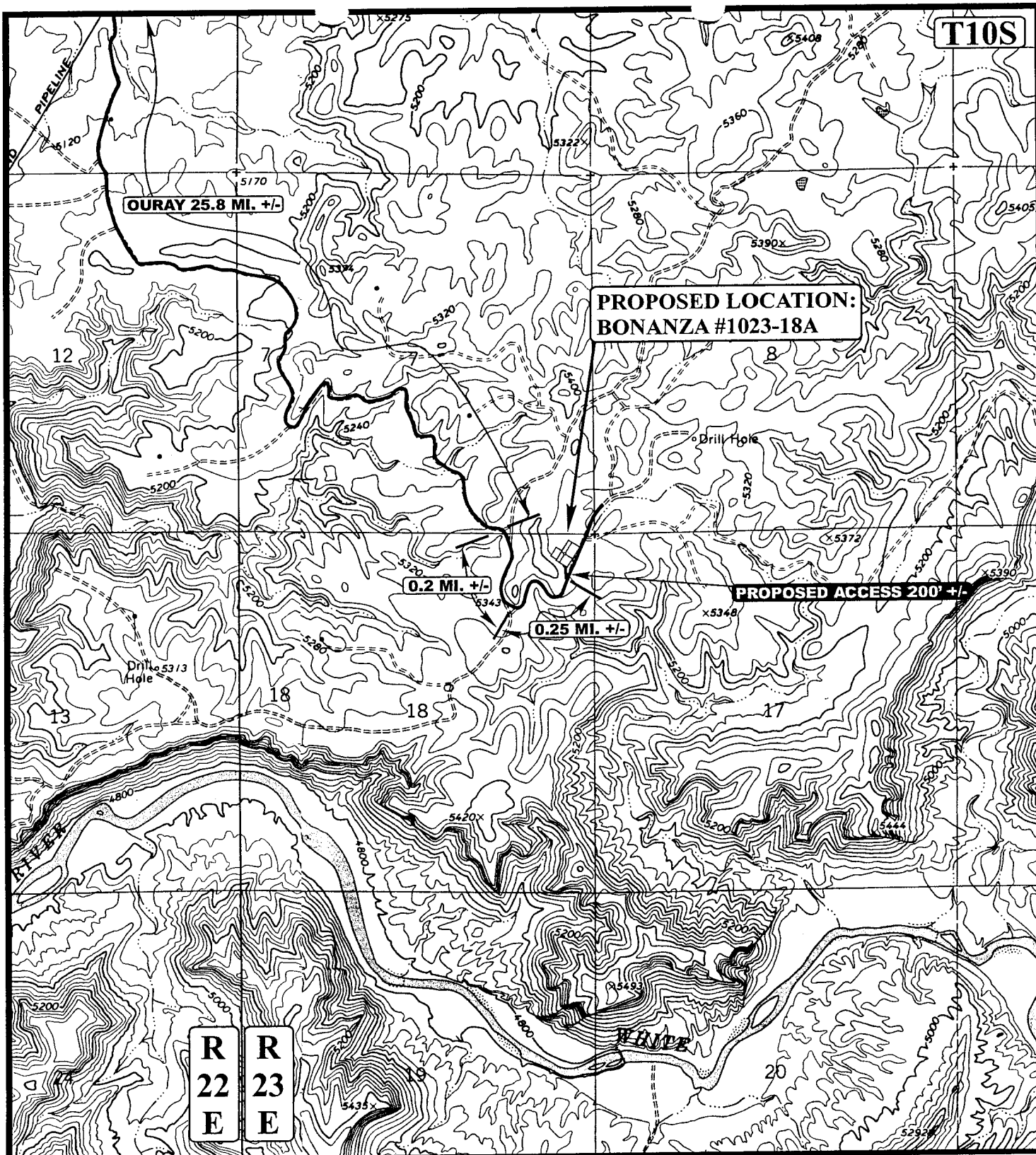
03 13 06
 MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: LDK

REVISED: 00-00-00





LEGEND:

————— EXISTING ROAD
 - - - - - PROPOSED ACCESS ROAD



KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-18A
SECTION 18, T10S, R23E, S.L.B.&M.
283' FNL 434' FEL



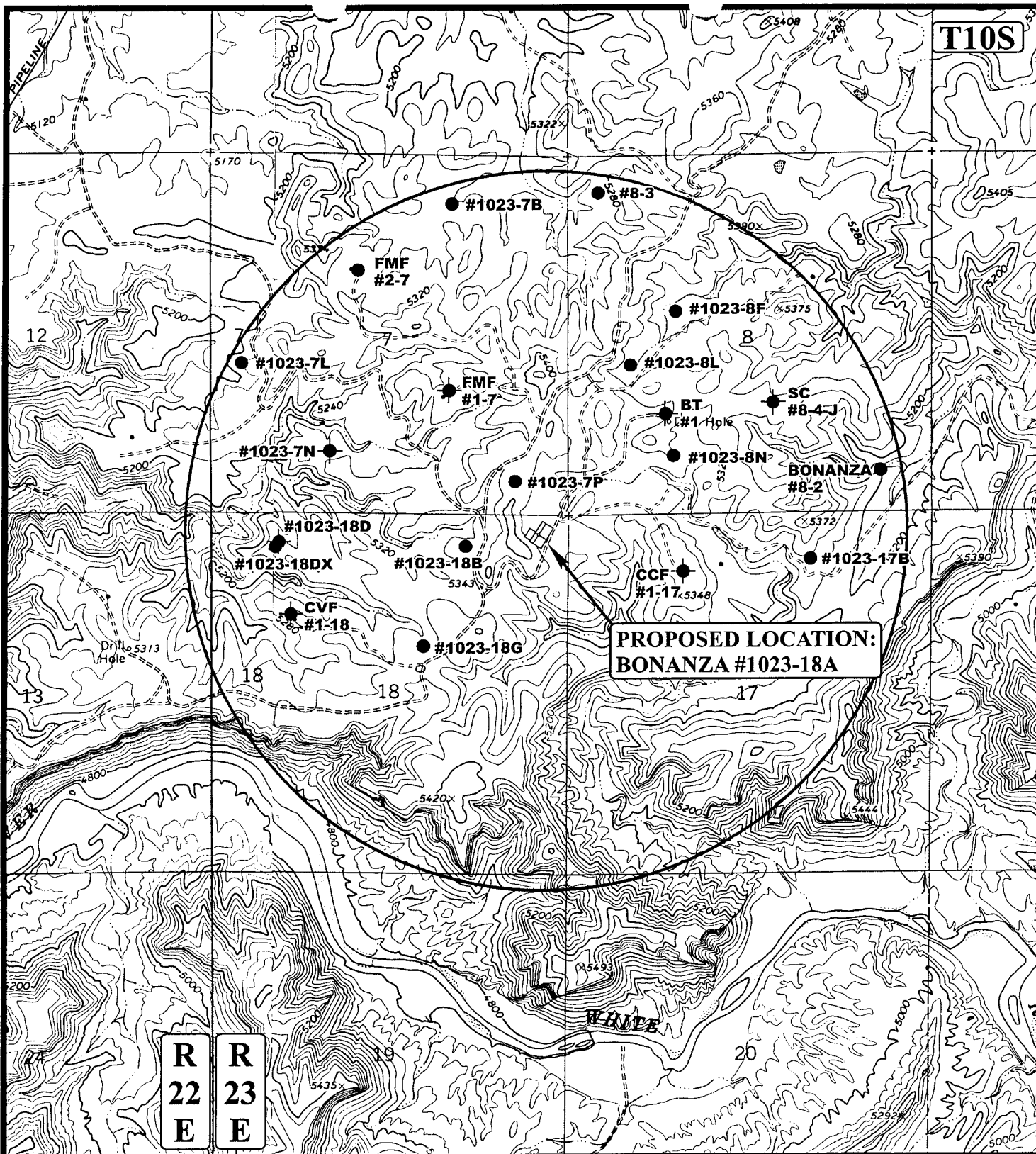
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

03 13 06
 MONTH DAY YEAR

SCALE: 1" = 2000' **DRAWN BY: LDK** **REVISED: 00-00-00**

**B
TOPO**



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-18A
SECTION 18, T10S, R23E, S.L.B.&M.
283' FNL 434' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

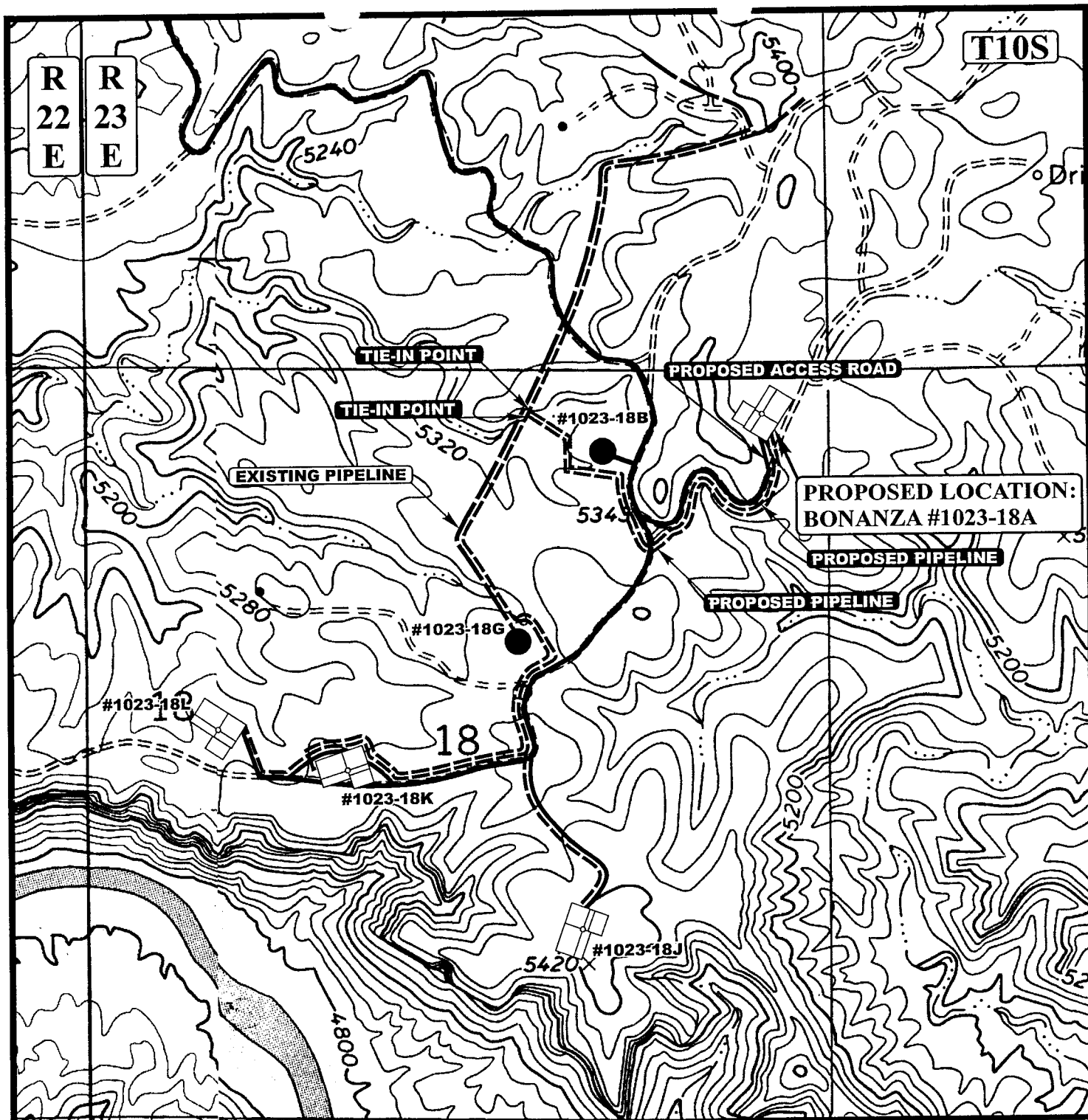


TOPOGRAPHIC
MAP

03 13 06
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: LDK REVISED: 00-00-00





APPROXIMATE TOTAL 4" PIPELINE DISTANCE = 3,100' +/-

APPROXIMATE TOTAL 4" PIPELINE DISTANCE = 3,100' +/-

LEGEND:

- ===== PROPOSED ACCESS ROAD
- ===== EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-18A
SECTION 18, T10S, R23E, S.L.B.&M.
283' FNL 434' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

03 13 06
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: LDK REVISED: 05-23-06C.P.

D
TOPO

KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-18A

PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 18, T10S, R23E, S.L.B.&M.

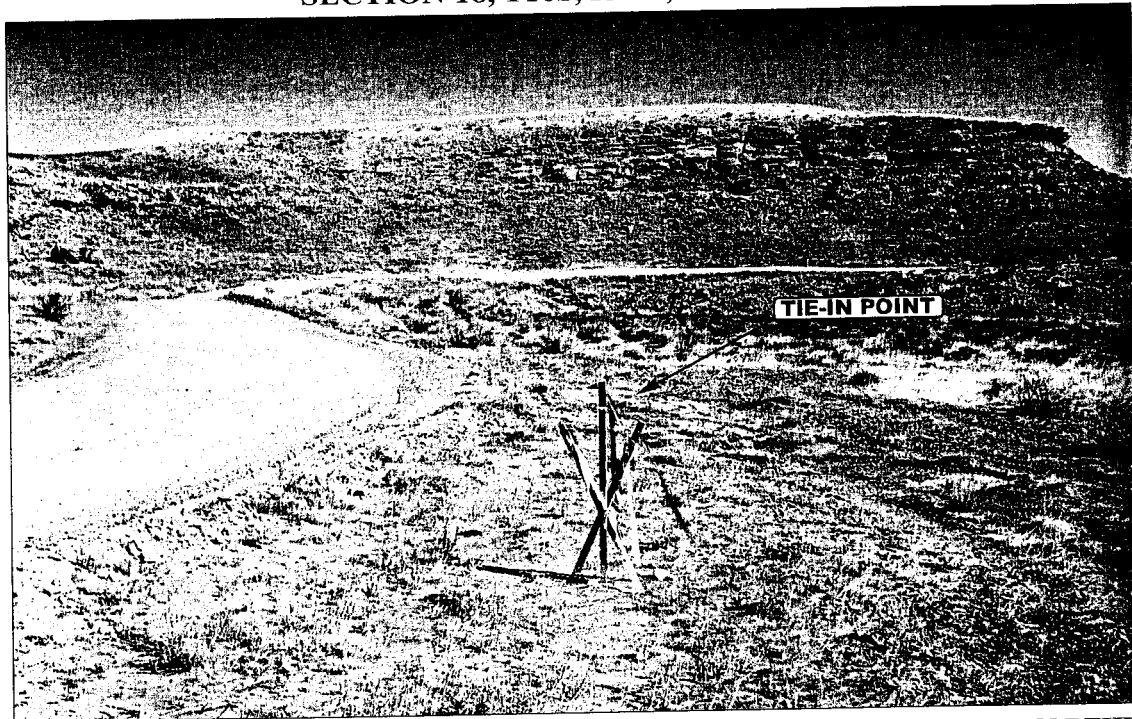


PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: NORTHEASTERLY

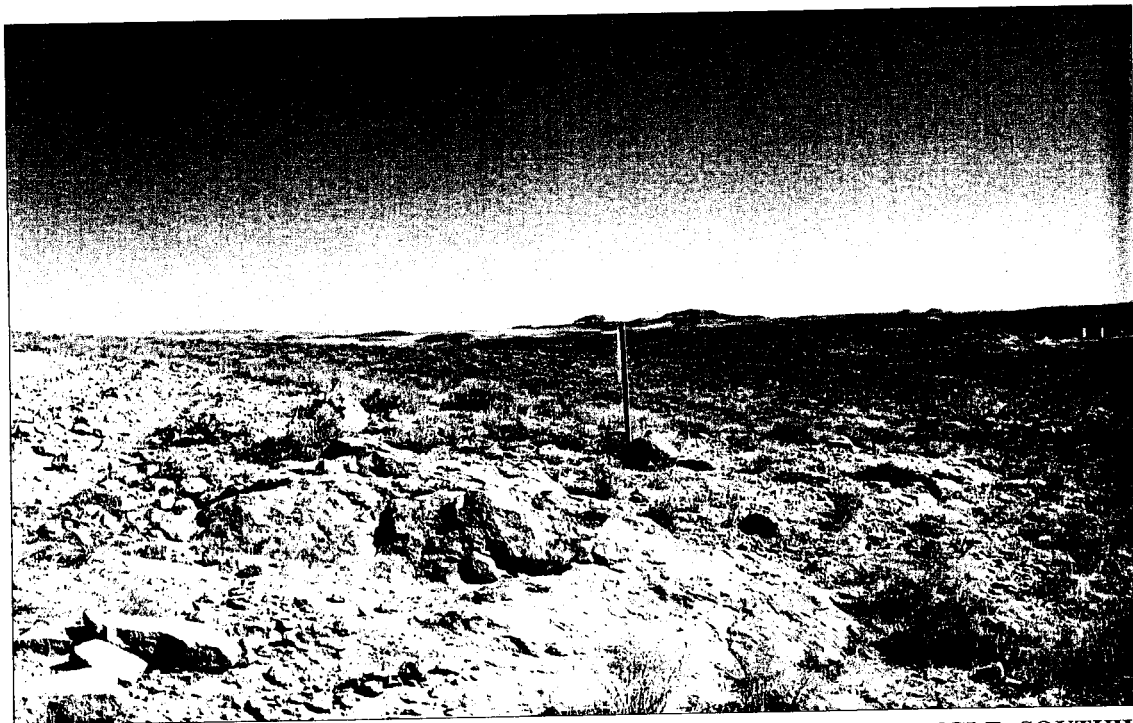


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

03 13 06
MONTH DAY YEAR

PHOTO

TAKEN BY: J.R.

DRAWN BY: LDK

REVISED: 00-00-00

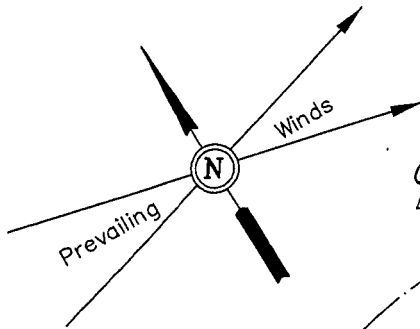
Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

NBU #1023-18A
SECTION 18, T10S, R23E, S.L.B.&M.
283' FNL 434' FEL

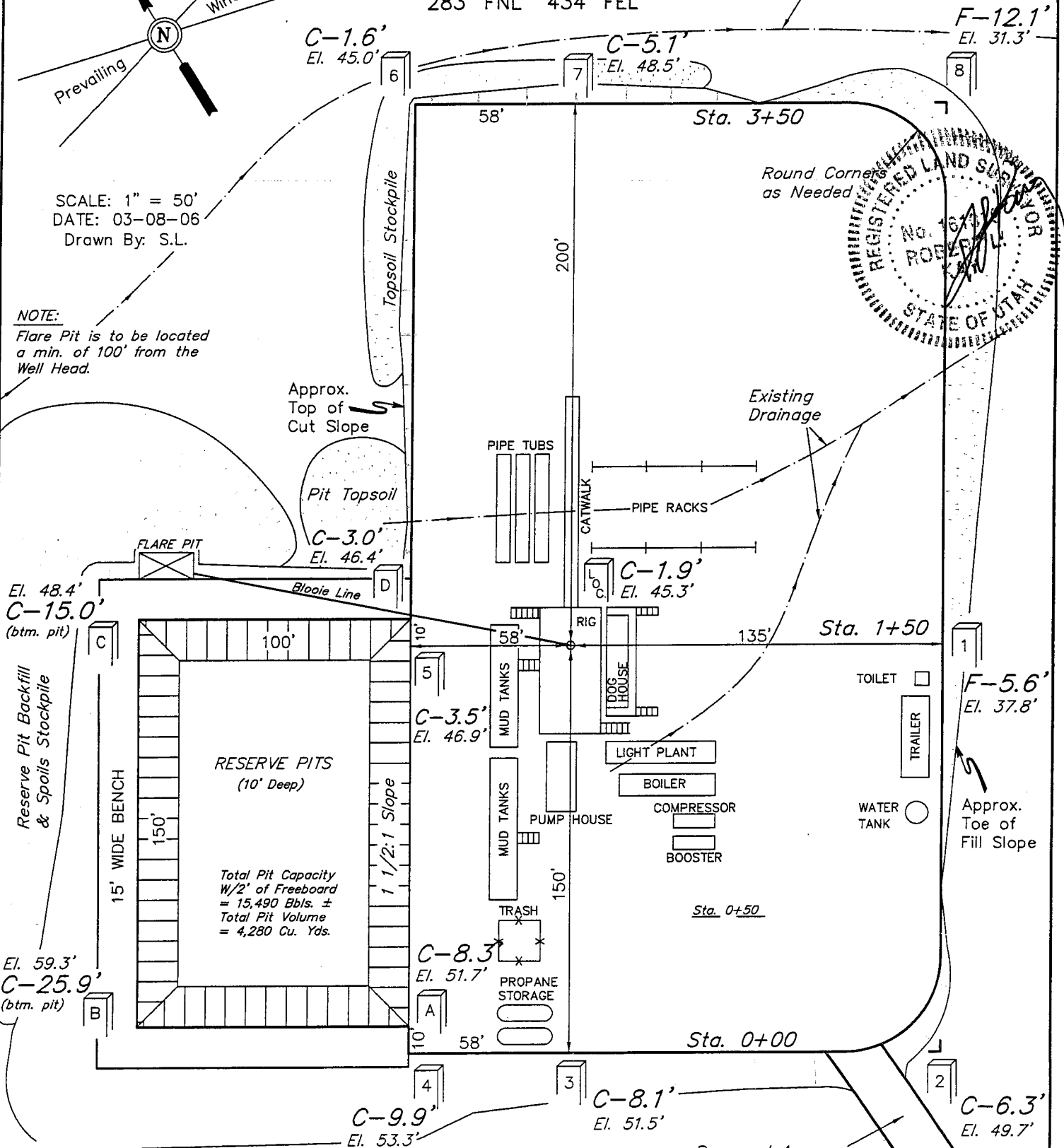
CONSTRUCT
DIVERSION
DITCH



SCALE: 1" = 50'
DATE: 03-08-06
Drawn By: S.L.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5345.3'
FINISHED GRADE ELEV. AT LOC. STAKE = 5343.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

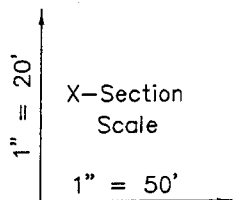
FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1023-18A

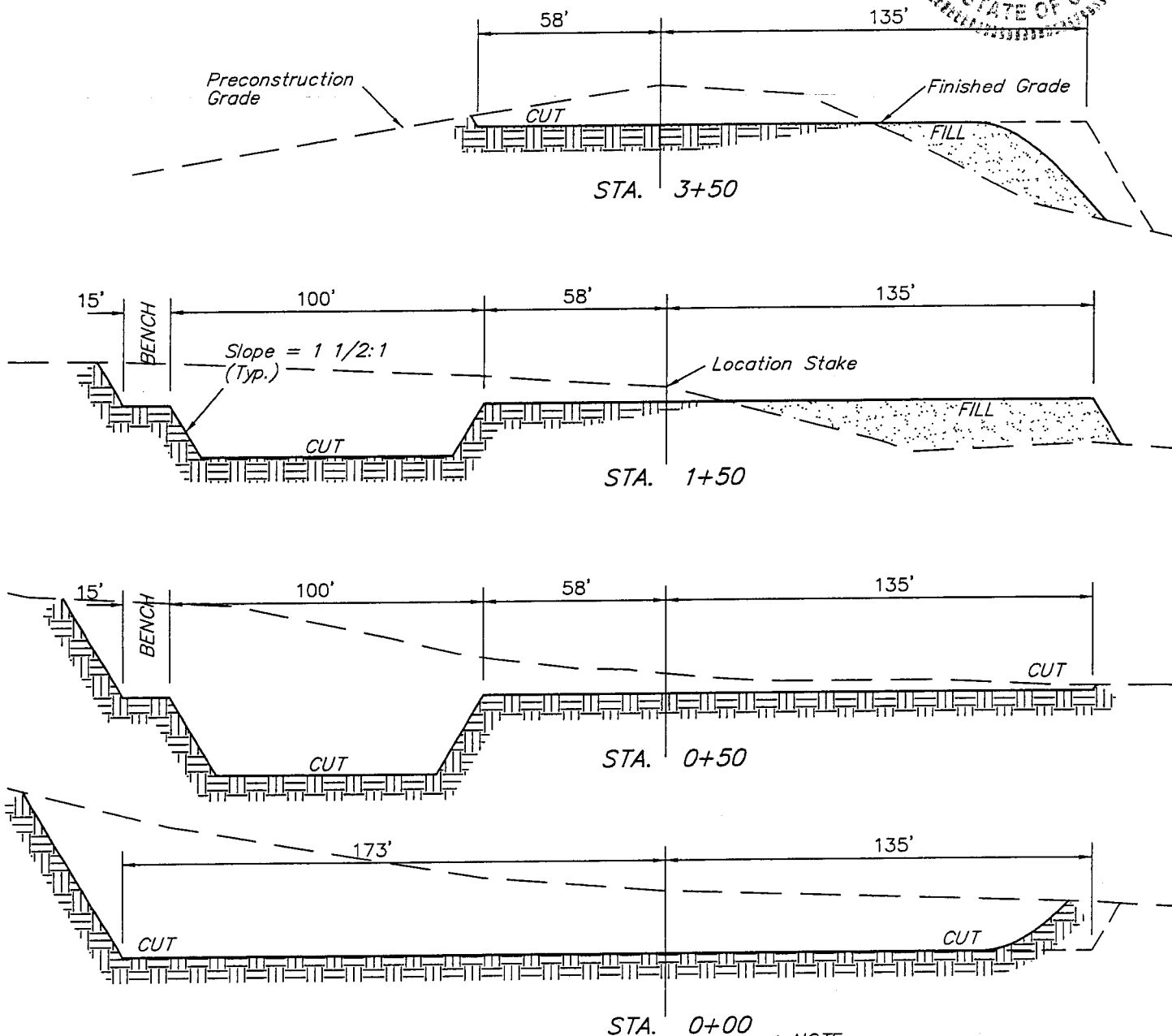
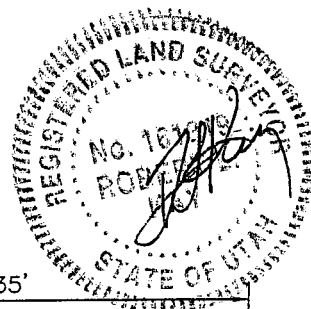
SECTION 18, T10S, R23E, S.L.B.&M.

283' FNL 434' FEL



DATE: 03-08-06

Drawn By: S.L.



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

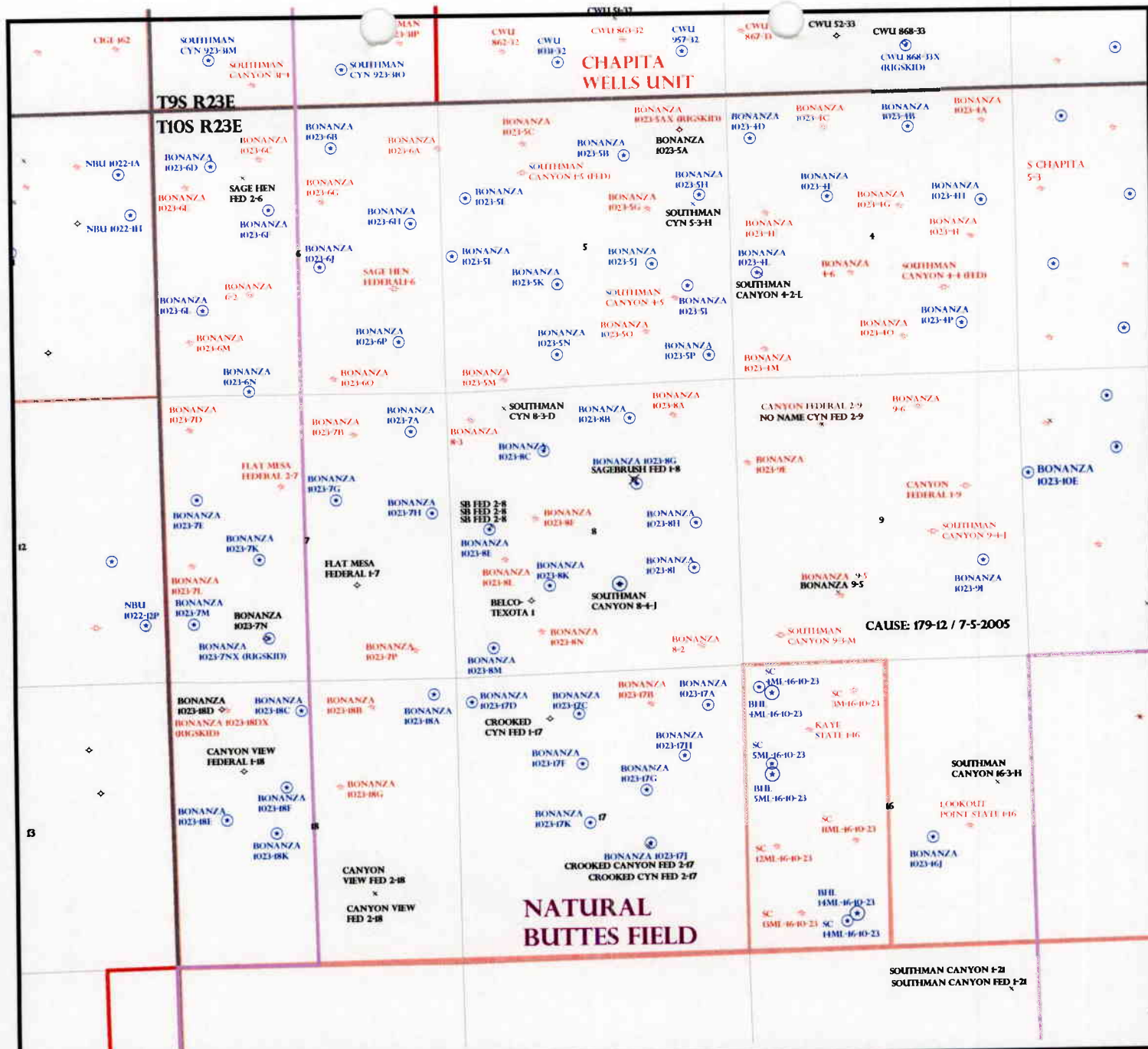
APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,920 Cu. Yds.
Remaining Location	= 15,390 Cu. Yds.
TOTAL CUT	= 17,310 CU.YDS.
FILL	= 6,870 CU.YDS.

EXCESS MATERIAL	= 10,440 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,060 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 6,380 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

STIPULATIONS: 1-Redacted / Approved



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 4,5,8,9,17,18 T. 10S R. 23E

FIELD: NATURAL BUTTES (630)

COUNTY: UTAH

CAUSE: 179-12 / 7-5-2005

Field Status

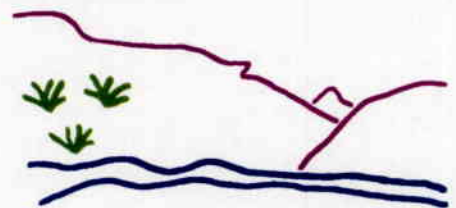
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 14-JUNE-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

June 15, 2006

Kerr-McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Bonanza 1023-18A Well, 283' FNL, 434' FEL, NE NE, Sec. 18, T. 10 South,
R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38243.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Kerr-McGee Oil & Gas Onshore LP
Well Name & Number Bonanza 1023-18A
API Number: 43-047-38243
Lease: UTU-38421

Location: NE NE **Sec.** 18 **T.** 10 South **R.** 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

RECEIVED

JUN 01 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

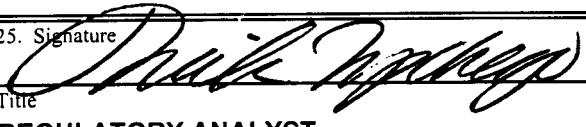
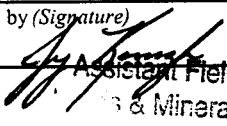
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-38421	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator KERR McGEE OIL & GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No.	
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		8. Lease Name and Well No. BONANZA 1023-18A	
3b. Phone No. (include area code) (435) 781-7024		9. API Well No. 4304738243	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENE 283'FNL, 434'FEL At proposed prod. Zone		10. Field and Pool, or Exploratory NATURAL BUTTES	
14. Distance in miles and direction from nearest town or post office* 26.25 MILES SOUTHEAST OF OURAY, UTAH		11. Sec., T., R., M., or Blk, and Survey or Area SECTION 18, T10S, R23E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 283'	16. No. of Acres in lease 637.40	17. Spacing Unit dedicated to this well 40.00	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 8120'	20. BLM/BIA Bond No. on file BOND NO. 2971100-2533	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5345'GL	22. Approximate date work will start*	23. Estimated duration	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 6/1/2006
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) JASON KENNEDY	Date 3-13-2007
Title Assistant Field Manager & Mineral Resources		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

UDOGH

NOS 3/7/06

NOTICE OF APPROVAL

RECEIVED
MAR 16 2007

DIV. OF OIL, GAS & MINING



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400**



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee O&G Onshore, LP	Location: NENE, Sec 18, T10S, R23E
Well No: Bonanza 1023-18A	Lease No: UTU-38421
API No: 43-047-38243	Agreement: N/A

Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	Cell: 435-828-
Petroleum Engineer:	James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
NRS/Environmental Scientist:	Scott Ackerman	Office: 435-781-4437	
NRS/Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
NRS/Environmental Scientist:	Jannice Cutler	Office: 435-781-3400	
NRS/Environmental Scientist:	Michael Cutler	Office: 435-781-3401	
NRS/Environmental Scientist:	Anna Figueroa	Office: 435-781-3407	
NRS/Environmental Scientist:	Melissa Hawk	Office: 435-781-4476	
NRS/Environmental Scientist:	Chuck Macdonald	Office: 435-781-4441	
NRS/Environmental Scientist:	Nathan Packer	Office: 435-781-3405	
NRS/Environmental Scientist:	Verlyn Pindell	Office: 435-781-3402	
NRS/Environmental Scientist:	Holly Villa	Office: 435-781-4404	
NRS/Environmental Scientist:	Darren Williams	Office: 435-781-4447	
NRS/Environmental Scientist:	Karl Wright	Office: 435-781-4484	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
2. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
3. Once the location is plugged and abandoned, it shall be re-contoured to natural contours, topsoil re-spread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
4. The lessee/operator is given notice that lands on the lease have a stipulation. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through July 20.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A surface casing shoe integrity test shall be performed.
2. Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.

15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-38421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BONANZA 1023-18A

9. API Well No.

4304738243

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(435)781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

283' FNL, 434' FEL

NENE, SEC 18-T10S-R23E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON JUNE 13, 2006.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-30-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 5-31-07
Initials: [Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

[Signature: Ramey Hoopes]

Date

May 23, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

MAY 29 2007

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738243
Well Name: BONANZA 1023-18A
Location: NENE, SEC 18-T10S-R23E
Company Permit Issued to: KERR-MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 6/15/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramey Hooper pw
Signature

5/23/2007

Date

Title: REGULATORY CLERK

Representing: KERR-MCGEE OIL AND GAS ONSHORE L

RECEIVED

MAY 29 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738299	BONANZA 1023-14C	NENW	14	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>A</i>	99999	<i>16623</i>	1/20/2008	<i>1/24/08</i>		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 01/20/2008 AT 0900 HRS.						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738244	BONANZA 1023-18F	SENE	18	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>A</i>	99999	<i>16624</i>	1/19/2008	<i>1/24/08</i>		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 01/19/2008 AT 0800 HRS.						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738243	BONANZA 1023-18A	NENE	18	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>A</i>	99999	<i>16625</i>	1/19/2008	<i>1/24/08</i>		
Comments: MIRU BILL MARTIN AIR RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 01/19/2008 AT 1000 HRS						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

Date

RECEIVED

JAN 23 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE SEC. 18, T10S, R23E 283'FNL, 434'FEL

5. Lease Serial No.

UTU-38421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BONANZA 1023-18A

9. API Well No.

4304738243

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other WELL SPUD |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 01/19/2008 AT 1000 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

January 22, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

JAN 28 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE SEC. 18, T10S, R23E 283'FNL, 434'FEL

5. Lease Serial No.

UTU-38421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BONANZA 1023-18A

9. API Well No.

4304738243

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN AIR RIG ON 01/19/2008. DRILLED 12 1/4" SURFACE HOLE TO 2120'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/300 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 2ND TOP OUT W/125 SX PREM CLASS G @ 15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 3RD TOP OUT W/225 SX PREM CLASS G @15.8 PPG 1.15 YIELD. 4TH TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL. WORT.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

SENIOR LAND ADMIN SPECIALIST

Date

January 24, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

JAN 28 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-38421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BONANZA 1023-18A

9. API Well No.

4304738243

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE SEC. 18, T10S, R23E 283'FNL, 434'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2120' TO 8000' ON 03/01/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/314 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1100 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACED W/125 BBLS CLAY TREAT + 1 GAL MAGNACIDE @8.3 PPG DROP PLUG W/2300 PSI 15 BBL CMT BACK 100% RETURNS BLEED OFF 1.5 BBLS OVER 500 PSI SET MANDREL W/60K STRING WT TEST MANDREL TO 5000 PSI NIPPLE DOWN BOP .20 CHLORINE TABS DOWN CSG INSTALL NIGHT CAP CLEAN MUD PITS.

RELEASED PIONEER RIG 68 ON 03/02/2008 AT 0000 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

SENIOR LAND ADMIN SPECIALIST

Date

March 3, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

MAR 10 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-38421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BONANZA 1023-18A

9. API Well No.

4304738243

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE SEC. 18, T10S, R23E 283'FNL, 434'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION START-UP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 04/12/2008 AT 2:00 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

April 17, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

APR 21 2008

DIV. OF OIL, GAS & MINING

WINS No.: 95653

BONANZA 1023-18A

Start Date: 1/19/2008

AFE No.: 2008930

Operation Summary Report

End Date: 3/2/2008

Operator KERR-MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES	SPUD DATE 1/19/08	GL 5,345	KB 5363	ROUTE
API 4304738243		STATE UTAH	COUNTY UINTAH			DIVISION ROCKIES
Lat./Long.: Lat./Long.: 39.95544 / -109.36165 Q-Q/Sect/Town/Range: NENE / 18 / 10S / 23E Footages: 283.00' FNL 434.00' FEL						
MTD 8000		TVD 9206	LOG MD		PBMD 7936	PBTVD 7936

EVENT INFORMATION: EVENT ACTIVITY: DRILLING REASON:
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: VERTICAL WELL Event End Status: COMPLETE

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 68 / 68	02/22/2008	02/23/2008	02/24/2008	02/25/2008	03/01/2008	03/02/2008	03/04/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
1/19/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 10:00	10.00	DRLCON	12		P	WAIT ON PETE MARTIN BUCKET RIG
	10:00 - 16:00	6.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1000 HR 1/19/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 68 BLM AND STATE NOTFIED OF SPUD
	16:00 - 0:00	8.00	DRLCON	12		P	WOAR
1/19/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 14:30	14.50	DRLSUR	12		P	WAIT ON BILL JR AIR RIG
	14:30 - 0:00	9.50	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1430 HR 1/19/08 DA AT REPORT TIME 540'
1/20/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD HIT TRONA WATER @ 1380' CIRCULATING WITH SKID PUMP
1/21/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 1770'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG T/D @ 2120' CONDITION HOLE 1 HR
1/22/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 5:00	5.00	DRLSUR	05		P	TRIP DP OUT OF HOLE
	5:00 - 11:00	6.00	DRLSUR	11		P	RUN 2083' OF 9 5/8 CSG AND RIG DOWN AIR RIG
	11:00 - 12:00	1.00	DRLSUR	15		P	CEMENT 1ST STAGE WITH 300 SKS @ 15.8# 1.15 5.0 GAL SK NO RETURNS TO PIT
	12:00 - 12:30	0.50	DRLSUR	15		P	1ST TOP JOB 150 SKS DOWN BS WOC
	12:30 - 14:30	2.00	DRLSUR	15		P	2ND TOP JOB 100 SKS DOWN BS WOC
	14:30 - 16:30	2.00	DRLSUR	15		P	3RD TOP JOB 125 SKS DOWN BS WOC
	16:30 - 18:30	2.00	DRLSUR	15		P	4TH TOP JOB 225 SKS DOWN BS WOC
	18:30 - 20:30	2.00	DRLSUR	15		P	5TH TOP JOB 150 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
	20:30 - 0:00	3.50	DRLSUR	12		P	NO VISIBLE LEAKS PIT 1/2 FULL WORT
2/21/2008							
SUPERVISOR: TIM OXNER							

Wins No.: 95653		BONANZA 1023-18A					API No.: 4304738243	
EVENT INFORMATION:		EVENT ACTIVITY: DRILLING OBJECTIVE: DEVELOPMENT OBJECTIVE2: VERTICAL WELL					REASON: DATE WELL STARTED/RESUMED: Event End Status: COMPLETE	
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 68 / 68		02/22/2008	02/23/2008	02/24/2008	02/25/2008	03/01/2008	03/02/2008	03/04/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	
	18:00 - 0:00	6.00	DRLPRO	01	E	P	RIGGING DOWN TO MOVE TO BONANZA 1023-18A	
2/22/2008								
SUPERVISOR: TIM OXNER								
	0:00 - 18:00	18.00	DRLPRO	01	E	P	RIGGING DOWN, SCOPE DRK & SUB DOWN, LOWER DERRICK ON CARRIER. MOVE RIG TO BONANZA 1023-18A	
	18:00 - 0:00	6.00	DRLPRO	12	D	P	WAITING ON DAYLIGHT TO FINISH RIG MOVE	
2/23/2008								
SUPERVISOR: TIM OXNER								
	0:00 - 7:00	7.00	DRLPRO	12	D	P	WAIT ON DAYLIGHT TO FINISH RIG MOVE	
	7:00 - 0:00	17.00	DRLPRO	01	A	P	FINISH MOVING RIG, 100% MOVED. L&S RELEASED @ 14:00. J&C CRANE RELEASED @ 14:30. RAISE DERRICK OFF CARRIER, SCOPE DERRICK & SUB. RIGGING UP.	
2/24/2008								
SUPERVISOR: TIM OXNER								
	0:00 - 7:00	7.00	DRLPRO	01	B	P	FINISH RIGGING UP	
	7:00 - 13:00	6.00	DRLPRO	13	A	P	NIPPLE UP BOP.	
	13:00 - 20:00	7.00	DRLPRO	13	C	P	TEST PIPE RAMS, BLIND RAMS , CHOKE & ALL FLOOR RELATED VALVES 250-5000 PSI. TEST HYDRILL F/ 250-2500 PSI. TEST CSG @ 1500 PSI & HOLD 30 MIN. (REPAIR ON B&C QUICK TEST PUMP)	
	20:00 - 23:00	3.00	DRLPRO	05	A	P	INSTALL WEAR BUSHING, RIG UP CALIBER & PICK UP BHA & 43 JTS DP TO 1944.57	
	23:00 - 0:00	1.00	DRLPRO	06	D	P	SLIP & CUT DRLG LINE	
2/25/2008								
SUPERVISOR: TIM OXNER								
	0:00 - 1:30	1.50	DRLPRO	06	D	P	SLIP & CUT DRLG LINE	
	1:30 - 3:00	1.50	DRLPRO	06	A	P	PRE SPUD RIG INSPECTION	
	3:00 - 5:00	2.00	DRLPRO	02	F	P	DRLG CEMENT, FLOAT & SHOE	
	5:00 - 6:00	1.00	DRLPRO	02	A	P	DRLG F/ 2120' - 2202' 82' TOTAL @ 82' HR	
	6:00 - 7:00	1.00	DRLPRO	09	A	P	SURVEY @ 2127' 1.50 DEG	
	7:00 - 13:00	6.00	DRLPRO	02	A	P	DRLG F/ 2202' - 2706'. 504' @ 84' HR	
	13:00 - 13:30	0.50	DRLPRO	09	A	P	SURVEY @ 2630' 1.60 DEG	
	13:30 - 14:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
	14:00 - 23:00	9.00	DRLPRO	02	A	P	DRLG F/ 2706' - 3221'. 515' TOTAL @ 57.2' HR	
	23:00 - 23:30	0.50	DRLPRO	09	A	P	SURVEY @ 3142' 1.56 DEG	
	23:30 - 0:00	0.50	DRLPRO	02	A	P	DRLG F/ 3221' - 3252'. 31.0' TOTAL @ 62.0' HR	
2/26/2008								
SUPERVISOR: TIM OXNER								
	0:00 - 6:30	6.50	DRLPRO	02	A	P	DRLG F/ 3252' - 3724'. 472' TOTAL @ 72.6' HR	
	6:30 - 7:00	0.50	DRLPRO	09	A	P	SURVEY @ 3648' 1.89 DEG	
	7:00 - 12:00	5.00	DRLPRO	02	A	P	DRLG F/ 3724' - 4230'. 506' TOTAL @ 101.2' HR	
	12:00 - 12:30	0.50	DRLPRO	09	A	P	SURVEY @ 4152' 2.11 DEG	
	12:30 - 14:30	2.00	DRLPRO	02	A	P	DRLG F/ 4230' - 4451'. 221' TOTAL @ 110.5' HR	
	14:30 - 15:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
	15:00 - 18:30	3.50	DRLPRO	02	A	P	DRLG F/ 4451' - 4735'. 284'. TOTAL @ 81.1' HR	
	18:30 - 19:00	0.50	DRLPRO	09	A	P	SURVEY @ 4656'. 2.71 DEG	
	19:00 - 0:00	5.00	DRLPRO	02	A	P	DRLG F/ 4735' - 5002'. 267' TOTAL @ 53.4' HR 35 VIS/ 9.7 MW.	
2/27/2008								
SUPERVISOR: TIM OXNER								

EVENT INFORMATION:	EVENT ACTIVITY: DRILLING	REASON:
	OBJECTIVE: DEVELOPMENT	DATE WELL STARTED/RESUMED:
	OBJECTIVE2: VERTICAL WELL	Event End Status: COMPLETE

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 68 / 68	02/22/2008	02/23/2008	02/24/2008	02/25/2008	03/01/2008	03/02/2008	03/04/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	0:00 - 5:00	5.00	DRLPRO	02	A	P	DRLG F/ 5002' - 5240'. 238' TOTAL @ 47.6' HR
	5:00 - 5:30	0.50	DRLPRO	09	A	P	SURVEY @ 5161' 2.52 DEV
	5:30 - 10:30	5.00	DRLPRO	02	A	P	DRLG F/ 5240' - 5525'. 285' TOTAL @ 57.0' HR
	10:30 - 11:00	0.50	DRLPRO	06	A	P	RIG SERVICE
	11:00 - 16:00	5.00	DRLPRO	02	A	P	DRLG F/ 5525' - 5746'. 221' TOTAL @ 44.2' HR
	16:00 - 16:30	0.50	DRLPRO	09	A	P	SURVEY @ 5668' 2.35 DEG
	16:30 - 0:00	7.50	DRLPRO	02	A	P	DRLG F/ 5746' - 6045'. 299'. TOTAL @ 39.8 38 VIS/ 9.9 MW

2/28/2008

SUPERVISOR: TIM OXNER

0:00 - 13:00	13.00	DRLPRO	02	A	P	DRLG F/ 6045' - 6663'. 618' TOTAL @ 47.5' HR
13:00 - 13:30	0.50	DRLPRO	06	A	P	RIG SERVICE
13:30 - 17:00	3.50	DRLPRO	02	A	P	DRLG F/ 6663' - 6821'. 158' TOTAL @ 45.1' HR
17:00 - 17:30	0.50	DRLPRO	09	A	P	SURVEY @ 6743' 3.31 DEG
17:30 - 0:00	6.50	DRLPRO	02	A	P	DRLG F/ 6821' - 7011'. 190' TOTAL @ 29.2' HR 39 VIS / 10.8 MW

2/29/2008

SUPERVISOR: TIM OXNER

0:00 - 1:00	1.00	DRLPRO	04	C	P	CIRC F/ BIT TRIP
1:00 - 7:30	6.50	DRLPRO	05	A	P	TOOH, LAYDOWN MUD MOTOR & SWAP BITS
7:30 - 14:00	6.50	DRLPRO	05	A	P	TIH W/ BIT # 2
14:00 - 14:30	0.50	DRLPRO	03	E	P	WASH & REAM 64' TO BOTTOM, NO FILL.
14:30 - 17:00	2.50	DRLPRO	02	A	P	DRLG F/ 7011' - 7076'. 65' TOTAL @ 26.0' HR
17:00 - 17:30	0.50	DRLPRO	06	A	P	RIG SERVICE
17:30 - 0:00	6.50	DRLPRO	02	A	P	DRLG F/ 7076' - 7367'. 291' TOTAL @ 44.7' HR 41 VIS, 11.0 MW

3/1/2008

SUPERVISOR: TIM OXNER

0:00 - 13:00	13.00	DRLPRO	02	A	P	DRLG F/ 7367' - 8000'. 633' TOTAL @ 48.6' HR
13:00 - 15:00	2.00	DRLPRO	04	C	P	CIRCULATE @ 80 SPM, HOLE SEEPING
15:00 - 17:00	2.00	DRLPRO	05	E	P	SHORT TRIP 16 STDS TO 7076'
17:00 - 19:00	2.00	DRLPRO	04	C	P	CIRCULATE F/ LAYING DOWN DP, MIX & PUMP PILL
19:00 - 0:00	5.00	DRLPRO	05	B	P	HELD SAFETY MEETING. RIG UP ROCKY MOUNTAIN LDC & LAYDOWN DP & BHA. PULL WEAR BUSHING.

3/2/2008

SUPERVISOR: TIM OXNER

0:00 - 4:00	4.00	DRLPRO	05	B	P	LDDP & BHA
4:00 - 10:30	6.50	DRLPRO	08	F	P	HELD SAFETY MEETING. RIG UP HALLIBURTON & RUN TRIPLE COMBO F/ TO SHOE & GR F/ SHOE TO SURFACE. RIG DOWN
10:30 - 11:30	1.00	DRLPRO	11	A	P	HELD SAFETY MEETING & RIG UP ROCKY MOUNTAIN CSG CREW
11:30 - 17:30	6.00	DRLPRO	11	B	P	RUN 4.5 PRODUCTION CSG TAG @ 8000', LAY DOWN TAG JT. PICK UP MANDREL & PUP. INSTALL ROTATING HEAD & RIG UP BJ HEAD.
17:30 - 18:30	1.00	DRLPRO	04	A	P	CIRCULATE BOTTOMS UP.

Wins No.: 95653		BONANZA 1023-18A		API No.: 4304738243				
EVENT INFORMATION:		EVENT ACTIVITY: DRILLING		REASON:				
		OBJECTIVE: DEVELOPMENT		DATE WELL STARTED/RESUMED:				
		OBJECTIVE2: VERTICAL WELL		Event End Status: COMPLETE				
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 68 / 68		02/22/2008	02/23/2008	02/24/2008	02/25/2008	03/01/2008	03/02/2008	03/04/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	
	18:30 - 22:00	3.50	DRLPRO	15		P	HELD SAFETY MEETING, SWITCH LINES TO BJ & TEST LINES TO 4500 PSI // SPACER 20 BBLS MUD CLEAN @ 8.3 PPG // SCAVENGER SLURRY 20 SCKS PL2+8%GEL+3%KCL+5#KOL+0.5SMS+0.25#CF @ 9.5 PPG, 8.45 cF/SACK YIELD // LEAD SLURRY 314 SCKS PL2+8%GEL+3%KCL+5#KOL+0.25#CF @ 11.0 PPG, 3.38 cF/SACK YIELD // TAIL SLURRY 1100 SACKS 50:50:2+10%NaCL+0.2%R-3+0.05#SF++0.002FP-6L @ 14.3 PPG, 1.31cF/SACK YIELD // DROP PLUG & DISPLACE W/125 BBLS CLAYTREAT+1 GL MAGNACIDE @ 8.3 PPG // DROP PLUG W/ 2300 PSI // 15 BBLS CEMENT BACK // 100% RETURNS // BLEED OFF 1.5 BBLS // 500 OVER PSI	
	22:00 - 22:30	0.50	DRLPRO	13	B	P	SET MANDREL W/ 60 K STRING WT. TEST MANDREL TO 5000 PSI, RIG DOWN BJ.	
	22:30 - 0:00	1.50	DRLPRO	13	A	P	NIPPLE DOWN BOP, 20 CHLORINE TABS DOWN CSG, INSTALL NIGHT CAP & CLEAN MUD PITS. RELEASE RIG @ 0000	

WINS No.: 95653

BONANZA 1023-18A

Start Date: 4/3/2008

AFE No.: 2008930

Operation Summary Report

End Date: 4/8/2008

Operator KERR-MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES	SPUD DATE 1/19/08	GL 5,345	KB 5363	ROUTE
API 4304738243	STATE UTAH		COUNTY UINTAH		DIVISION ROCKIES	
Lat./Long.: Lat./Long.: 39.95544 / -109.36165 Q-Q/Sect/Town/Range: NENE / 18 / 10S / 23E Footages: 283.00' FNL 434.00' FEL						
MTD 8000	TVD 9206		LOG MD	PBMD 7936		PBTVD 7936

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION REASON: MV
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: ORIGINAL Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 LEED 698 / 698 04/02/2008 04/08/2008 04/08/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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4/2/2008
 SUPERVISOR: BRAD BURMAN
 7:30 - 17:30 10.00 COMP 30 P 7 AM [DAY 1] JSA#1
 ROAD RIG FROM BONANZA 1023-15H TO BONANZA 1023-18A. MIRU, SPOT EQUIPMENT. NDWH, NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" MILL & 253 JTS NEW 2-3/8" J-55 TBG. [SLM] TBG WAS DRIFTED. TAG PBT @ 7936. R/U PMP. CIRCULATE WELL CLN W/ 120 BBLS TRW. R/D PMP. DRAIN PMP & LINES. POOH & L/D 16 JTS ON FLOAT. EOT @ 7410'.
 7:50 - 7:30 COMP 48 P 5:30 PM SW-SDFN. PREP TO P.T. & PERF IN AM. JSA#1

4/3/2008
 SUPERVISOR: BRAD BURMAN
 7:00 - 7:30 0.50 COMP 48 P JSA#2
 7:30 - 15:00 7.50 COMP 33 C P 7AM [DAY 2] JSA#2
 EOT @ 7410'. POOH STANDING BACK TBG. L/D MILL. R/D FLOOR & TBG EQUIPMENT. NDBOP, N/U FRAC VALVES. MIRU DBL JACK. P.T. CSG & FRAC VALVES TO 7500#. RDMO DBL JACK.
 [STG#1] MIRU CUTTERS. RIH W/ PERF GUNS & PERF THE M.V. @ 7701'-7703', 7733'-7734', 7847'-7850' & 7889'-7894' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90° PHS, 4 SPF, [44 HLS] WHP=0#. POOH & L/D WIRELINE TOOLS. RDMO CUTTERS. 3 PM SWI-SDFN.

4/4/2008
 SUPERVISOR: BRAD BURMAN
 7:00 - 15:00 8.00 COMP 30 P STAND BY

4/7/2008
 SUPERVISOR: BRAD BURMAN
 6:00 - 6:30 0.50 COMP 48 P HLD BJ JSA

Wins No.: 95653		BONANZA 1023-18A		API No.: 4304738243	
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		REASON: MV	
		OBJECTIVE: DEVELOPMENT		DATE WELL STARTED/RESUMED:	
		OBJECTIVE2: ORIGINAL		Event End Status: COMPLETE	
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start
		LEED 698 / 698	04/02/2008		04/08/2008
					04/08/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode
	6:30 - 18:00	11.50	COMP	36	P
Operation					
6AM [DAY 4] MIRU BJ & CUTTERS. HLD BJ JSA					
<p>[STG#1] P.T. SURFACE LINES TO 8494#. WE-SICP=1370#. BRK DN PERFS @ 3110# @ 3 BPM. ISIP=2322, F.G.=.74. PMP'D 3 BBLS 15% HCL AHEAD OF INJ. CALC 29/44 PERFS OPEN. PMP'D 1832 BBLS SLK WTR & 66,274# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2273, F.G.=.73, NPI=NEG 49, MP=5387, MR=54, AP=4721, AR=53 BPM.</p> <p>[STG#2] RIH W/ BAKER 8K CBP & PERF GUN.SET CBP @ 7530'. PERF THE M.V. @ 7368'-7372', 7400'- 7404' & 7498'-7500' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90* PHS, 4 SPF, [40 HLS] WHP=454#. BRK DN PERFS @ 3595# @ 3 BPM. ISIP=1795, F.G.=.69. CALC 25/40 PERFS OPEN. PMP'D 1095 BBLS SLK WTR & 38,447# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=1971, F.G.=.71, NPI=176, MP=4656, MR=53, AP=4260, AR=51 BPM.</p> <p>[STG#3] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7290'. PERF THE M.V. @ 7198'-7202', 4 SPF, 90* PHS, 7254'-7262', 3 SPF, 120* PHS, USING 3-3/8" EXP GUN, 23 GM, 0.36, [40 HLS] WHP=1490#. BRK DN PERFS @ 1704# @ 4 BPM. ISIP=1487, F.G.=.65. CALC 28/40 PERFS OPEN. PMP'D 1681 BBLS SLK WTR & 61,803# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=1725, F.G.=.68, NPI=238, MP=3964, MR=53, AP=3546, AR=52 BPM.</p> <p>[STG#4] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 7121'. PERF THE M.V. @ 6988'-6990', 3 SPF, 120* PHS, 7052'-7057', 3 SPF, 120* PHS & 7088'-7094', 4 SPF, 90* PHS USING 3-3/8" EXP GUN, 23 GM, 0.36, [45 HLS] WHP=384#. BRK DN PERFS @ 3779# @ 4 BPM. ISIP=1729, F.G.=.69. CALC 26/45 PERFS OPEN. PMP'D 3851 BBLS SLK WTR & 147,734# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=1777, F.G.=.70, NPI=48, MP=4664, MR=54, AP=3889, AR=53 BPM.</p> <p>[STG#5] RIH W/BAKER 8K CBP & PERF GUNS.SET CBP @ 6901'. PERF THE M.V. @ 6768'-6776' & 6869'-6871' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90* PHS, 4 SPF, [40 HLS] WHP=300#. BRK DN PERFS @ 4 BPM. ISIP=1231, F.G.=.63. CALC 20/40 PERFS OPEN. PMP'D 831 BBLS SLK WTR & 28,373# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2322, F.G.=.79, NPI=1091, MP=6145, MR=54, AP=4556, AR=53 BPM.</p> <p>[STG#6] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 6214'. PERF THE M.V. @ 6130'-6132' & 6176'-6184' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90* PHS, 4 SPF, [40 HLS] WHP=254#. BRK DN PERFS @ 2023# @ 4 BPM. ISIP=1296, F.G.=.66. CALC 25/40 PERFS OPEN. PMP'D 1164 BBLS SLK WTR & 47,200# 30/50 SD W/ 5000# R.C. @ TAIL ISIP=1750#. F.G.=.73, NPI=454, MP=4046, MR=54, AP=3818, AR=54 BPM.</p> <p>[KILL PLUG] RIH W/ BAKER 8K CBP & SET @ 6080'. POOH & L/D WIRELINE TOOLS. RDMO BJ & CUTTERS. GRND TOTAL 30/50 & R.C. SAND=389,831#, & TOTAL FLUID=10,454 BBLS. 6 PM SWI-SDFN. PREP TO DRILL OUT 6 CBP'S IN AM.</p>					
4/8/2008					
SUPERVISOR: BRAD BURMAN					
	7:00 - 7:30	0.50	COMP	48	P JSA#5

Wins No.: 95653		BONANZA 1023-18A		API No.: 4304738243	
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		REASON: MV	
		OBJECTIVE: DEVELOPMENT		DATE WELL STARTED/RESUMED:	
		OBJECTIVE2: ORIGINAL		Event End Status: COMPLETE	
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start
		LEED 698 / 698	04/02/2008		04/08/2008
					04/08/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode
	7:30 - 19:00	11.50	COMP	44	C
P/U P 7 AM [DAY 5] JSA#5					
<p>R/D FLOOR. N/D FRAC VALVES, NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" BIT, POBS W/ XN NIPPLE & RIH OUT OF DERRICK. TAG SD @ 6060'. R/U PMP & SWVL. ESTAB CIRC W/ TRW. P.T. BOP TO 3000#. C/O 20'SD TO CBP#1 @ 6080'.</p> <p>[DRLG CBP#1] @ 6080'. DRILL OUT BAKER 8K CBP IN 5 MIN. 300# DIFF. RIH, TAG SD @ 6184'. C/O 30' SD. FCP=450#.</p> <p>[DRLG CBP#2] @ 6214'. DRILL OUT BAKER 8K CBP IN 7 MIN. 100# DIFF. RIH, TAG SD @ 6871'. C/O 30' SD. FCP=700#.</p> <p>[DRLG CBP#3] @ 6901'. DRILL OUT BAKER 8K CBP IN 6 MIN. -250# DIFF. RIH, TAG SD @ 7091'. C/O 30' SD. FCP=300#.</p> <p>[DRLG CBP#4] @ 7121'. DRILL OUT BAKER 8K CBP IN 7 MIN. 100# DIFF. RIH, TAG SD @ 7270'. C/O 20' SD. FCP=250#.</p> <p>[DRLG CBP#5] @ 7290'. DRILL OUT BAKER 8K CBP IN 6 MIN. 0# DIFF. RIH, TAG SD @ 7520'. C/O 10' SD. FCP=200#.</p> <p>[DRLG CBP#6] @ 7530'. DRILL OUT BAKER 8K CBP IN 5 MIN. 50# DIFF. RIH, TAG SD @ 7876'. C/O 60' SD TO PBTD @ 7936'. CIRC WELL CLN. R/D SWVL. POOH & L/D 32 JTS ON FLOAT. LAND TBG ON HNGR W/ 221 JTS NEW 2-3/8" J-55 TBG. EOT @ 6968.04' & POBS W/ XN @ 6965.84'. AVG 6 MIN/PLUG & C/O 200' SD. R/D FLOOR & TBG EQUIP. NDBOP, NUWH. DROP BALL DN TBG & PMP OFF THE BIT @ 1800#. OPEN WELL TO FBT ON 20/64 CHOKE. FTP=850#, SICP=1050#.</p> <p>6:30 PM TURN WELL OVER TO FBC. LTR @ 6:30 PM =8834 BBLs. DRAIN PMP & LINES. RACK EQUIP.</p> <p>7 PM SDFN</p> <p>259 JTS DELV 221 JTS LANDED 38 RETURNED.</p>					
4/9/2008					
SUPERVISOR: DON DEHERRERA					
	7:00 -			33	A
7 AM FLOWBACK REPORT: CP 1700#, TP 1350#, 20/64" CK, 48 BWPH, TRACE SAND, LIGHT SAND TTL BBLs RECOVERED: 790 BBLs LEFT TO RECOVER: 8034					
4/10/2008					
SUPERVISOR: DON DEHERRERA					
	7:00 -			33	A
7 AM FLOWBACK REPORT: CP 2650#, TP 1550#, 20/64" CK, 34 BWPH, TRACE SAND, MEDIUM SAND TTL BBLs RECOVERED: 1680 BBLs LEFT TO RECOVER: 7144					
4/11/2008					
SUPERVISOR: DON DEHERRERA					
	7:00 -		PROD	33	A
					P
7 AM FLOWBACK REPORT: CP 2500#, TP 1750#, 20/64" CK, 25 BWPH, TRACE SAND, HEAVY GAS TTL BBLs RECOVERED: 2325 BBLs LEFT TO RECOVER: 6499					
	14:00 -		PROD		
TURNED WELL TO SALES @ 1400 ON 4/11/2008 - FTP 1900#, FCP 2500#, CK 16/64", 2200 MCFD, 480 MCFD					

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 20005. Lease Serial No.
UTU-384211a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

8. Lease Name and Well No.

BONANZA 1023-18A

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

9. API Well No.

4304738243

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *

At surface

NE/NE 283'FNL, 434'FEL

At top prod. interval reported below

10. Field and Pool, or Exploratory
NATURAL BUTTES11. Sec., T., R., M., or Block and
Survey or Area SEC. 18, T10S, R23E

12. County or Parish

UINTAH

13. State

UTAH

At total depth

14. Date Spudded

01/19/08

15. Date T.D. Reached

03/01/08

16. Date Completed

☐ D & A ☒ Ready to Prod.

04/12/08

17. Elevations (DF, RKB, RT, GL)*

5345'GL

18. Total Depth: MD 8000'
TVD19. Plug Back T.D.: MD 7936'
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit copy)Was DST run? ☒ No ☐ Yes (Submit copy)Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2120'		1050 SX			
7 7/8"	4 1/2"	11.6#		8000'		1414 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	6968'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	6130'	7894'	6130'-7894'	0.36	249	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
6130'-7894'	PMP 10,454 BBLS SLICK H2O & 389,831# 30/50 SD

RECEIVED

MAY 18 2008

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/12/08	04/14/08	24	→	5	2,512	480			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1909#	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
16/64	SI	2265#	→	5	2512	480			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
	SI		→						

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)**SOLD**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	4069' 6122'	6122'			

32. Additional remarks (include plugging procedure):

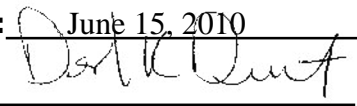
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Other:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGOTitle SENIOR LAND ADMIN SPECIALISTSignature Date 05/01/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-38421			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: BONANZA 1023-18A			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0283 FNL 0434 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 10.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047382430000			
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/14/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE WASATCH FORMATION. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH WITH THE EXISTING MESAVERDE FORMATION. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: June 15, 2010 By: 			
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst			
SIGNATURE N/A	DATE 6/9/2010				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047382430000

Authorization: Board Cause No. 173-14

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: June 15, 2010

By: Dan K. Quist

Greater Natural Buttes Unit



BONANZA 1023-18A RE-COMPLETIONS PROCEDURE

**DATE:6/9/10
AFE#:**

COMPLETIONS ENGINEER: Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: Bonanza 1023-18A
Location: NE NE Sec. 18 T10S R23E
Uintah County, UT
Date: 6/2/10

ELEVATIONS: 5345' GL 5363' KB

TOTAL DEPTH: 8000' **PBTD:** 7936'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2111'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 7981'
Marker Joint **4074-4096'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1036' Green River Top
1333' Bird's Nest Top
1815' Mahogany Top
4069' Wasatch Top
6121' Mesaverde Top

BOTTOMS:

6121' Wasatch Bottom
8000' Mesaverde Bottom (TD)

Estimated T.O.C. from CBL @ ~1700'

GENERAL:

- A minimum of **8** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburton's Induction-Density-Neutron log dated 3/2/08
- **3** fracturing stages required for coverage.
- Procedure calls for **4** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE.** Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40 mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~6968'
- Originally completed on 4/7/2008

Existing Perforations:

Zone	Feet of Pay	Perfs		SPF	Holes
		Top, ft.	Bot., ft		
MESAVERDE	3	6130	6132	4	8
MESAVERDE	5	6176	6184	4	32
MESAVERDE	5	6768	6776	4	32
MESAVERDE	2	6869	6871	4	8
MESAVERDE	15	6988	6990	3	6
MESAVERDE	5	7052	7057	3	15
MESAVERDE	6	7088	7094	4	24
MESAVERDE	3	7198	7202	4	16
MESAVERDE	4	7254	7262	3	24
MESAVERDE	2	7368	7372	4	16
MESAVERDE	4	7400	7404	4	16
MESAVERDE	2	7498	7500	4	8
MESAVERDE	2	7701	7703	4	8
MESAVERDE	2	7733	7734	4	4
MESAVERDE	8	7847	7850	4	12
MESAVERDE	3	7889	7894	4	20

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. If the tubing is below the proposed CBP depth, TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~6968'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOO H.
3. If tbg looks ok consider running a gauge ring to 5808 (50' below proposed CBP). Otherwise P/U a mill and C/O to 5808 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 5758'. Pressure test BOP and casing to 6000 psi. .

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5502	5504	3	6
WASATCH	5566	5570	3	12
WASATCH	5722	5728	4	24

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5502' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~5364'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5324	5334	4	40

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5324' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~4870'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	4830	4840	4	40

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~4830' and flush only with recycled water.

11. Set 8000 psi CBP at~4780'.

12. TIH with 3 7/8" mill, sliding sleeve, SN and tubing.

13. Mill plugs and clean out to 5758. Land tubing at **±6968'** and open sleeve unless indicated otherwise by the well's behavior. This well will be commingled at this time.

14. RDMO

15. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete, if necessary.

For design questions, please call
Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

For field implementation questions, please call
Jeff Samuels, Vernal, UT
435-781-7046 (Office)

NOTES:

Bonanza 1023-18A
Perforation and CBP Summary

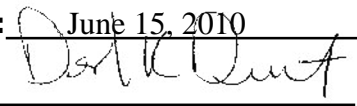
Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	WASATCH	5502	5504	3	6		5484.5	to	5507.5
	WASATCH	5566	5570	3	12		5559.5	to	5574
	WASATCH	5722	5728	4	24		5721	to	5729.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					42		CBP DEPTH	5,364	
2	WASATCH	5324	5334	4	40		5316	to	5334.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					40		CBP DEPTH	4,870	
3	WASATCH	4830	4840	4	40		4826	to	4842.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					40		CBP DEPTH	4,780	
	Totals				122				

Slickwater Frac

Swabbing Days	0	Enter Number of swabbing days here for reCompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

		Md-Ft	Perfs		SPF	Holes	Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Volume	Cum Vol	Fluid	Sand	Sand	Cum. Sand	Footage from	Scale	
Stage	Zone	of Pay	Top, ft.	Bot., ft			BPM	Type	ppg	ppg		gals	gals	BBLs	BBLs	% of frac	% of frac	lbs	lbs	lbs	CBP to Flush	gal.
1	WASATCH	0.806	5502	5504	3	6	Varied	Pump-in test			Slickwater		0	0	0							
	WASATCH	0.855	5566	5570		3	12	0	ISIP and 5 min ISIP													35
	WASATCH	0.134	5722	5728		4	24	50	Slickwater Pad			Slickwater	8,074	8,074	192	192	15.0%	0.0%	0	0		24
	WASATCH	0.00						50	Slickwater Ramp	0.25	1.5	Slickwater	26,915	34,989	641	833	50.0%	35.7%	23,550	23,550		81
	WASATCH	0.00						50	Slickwater Ramp	1.5	3	Slickwater	18,840	53,829	449	1,282	35.0%	64.3%	42,390	65,941		0
	WASATCH	0.00						50	Flush (4-1/2)			Slickwater	3,592	57,421	86	1,367				65,941		0
	WASATCH	0.00							ISDP and 5 min ISDP			Slickwater										0
	WASATCH	0.00																				0
	WASATCH	0.00																		65,941		0
	WASATCH	0.00											57,421		86	1,367						35
	WASATCH	0.00																				175
		1.79	# of Perfs/stage			Look	42						Flush depth		5502	gal/md-ft	30,000	36,750	lbs sand/md-ft	138		
							27.3	<< Above pump time (min)									gal/md-ft	CBP depth	5,364			
2	WASATCH	0.123	5324	5334	4	40	Varied	Pump-in test			Slickwater		0	0	0							
	WASATCH	0.00						0	ISIP and 5 min ISIP													
	WASATCH	0.00						50	Slickwater Pad			Slickwater	3,693	3,693	88	88	15.0%	0.0%	0	0		11
	WASATCH	0.00						50	Slickwater Ramp	0.25	1.5	Slickwater	12,310	16,003	293	381	50.0%	35.7%	10,771	10,771		37
	WASATCH	0.00						50	Slickwater Ramp	1.5	3	Slickwater	8,617	24,620	205	586	35.0%	64.3%	19,388	30,160		0
	WASATCH	0.00						50	Flush (4-1/2)			Slickwater	3,476	28,096	83	669				30,160		0
	WASATCH	0.00							ISDP and 5 min ISDP			Slickwater										0
	WASATCH	0.00																				0
	WASATCH	0.00																		30,160		0
	WASATCH	0.00											28,096		83	669						32
	WASATCH	0.00																				80
							0.12	# of Perfs/stage			Look	40				gal/md-ft	200,000	245,000	lbs sand/md-ft	454		
							13.4	<< Above pump time (min)									gal/md-ft	CBP depth	4,870			
3	WASATCH	1.147	4830	4840	4	40	Varied	Pump-in test			Slickwater		0	0	0							
	WASATCH	0.00						0	ISIP and 5 min ISIP													
	WASATCH	0.00						50	Slickwater Pad			Slickwater	5,162	5,162	123	123	15.0%	0.0%	0	0		15
	WASATCH	0.00						50	Slickwater Ramp	0.25	1.5	Slickwater	17,207	22,368	410	533	50.0%	35.7%	15,056	15,056		52
	WASATCH	0.00						50	Slickwater Ramp	1.5	3	Slickwater	12,045	34,413	287	819	35.0%	64.3%	27,100	42,156		0
	WASATCH	0.00						50	Flush (4-1/2)			Slickwater	3,153	37,566	75	894				42,156		0
	WASATCH	0.00							ISDP and 5 min ISDP			Slickwater										0
	WASATCH	0.00																				0
	WASATCH	0.00																		42,156		0
	WASATCH	0.00											37,566		75	894						0
	WASATCH	0.00																				67
							1.15	# of Perfs/stage			Look	40				gal/md-ft	30,000	36,750	lbs sand/md-ft	50		
							17.9	<< Above pump time (min)										gal/md-ft	CBP depth	4,780		
Totals		3.06				122						Total Fluid	123,082 gals 2,931 bbls		2,931 bbls			Total Sand	138,256			
							1.0								6.5 tanks				Total Scale Inhib. =	321		

RECEIVED June 09, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-38421			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: BONANZA 1023-18A			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0283 FNL 0434 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 10.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047382430000			
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/14/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE WASATCH FORMATION. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH WITH THE EXISTING MESAVERDE FORMATION. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: June 15, 2010 By: 			
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst			
SIGNATURE N/A	DATE 6/9/2010				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047382430000

Authorization: Board Cause No. 173-14

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: June 15, 2010
By: Dan K. Quist

Greater Natural Buttes Unit



BONANZA 1023-18A RE-COMPLETIONS PROCEDURE

**DATE:6/9/10
AFE#:**

COMPLETIONS ENGINEER: Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: Bonanza 1023-18A
Location: NE NE Sec. 18 T10S R23E
Uintah County, UT
Date: 6/2/10

ELEVATIONS: 5345' GL 5363' KB

TOTAL DEPTH: 8000' **PBTD:** 7936'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2111'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 7981'
Marker Joint **4074-4096'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1036' Green River Top
1333' Bird's Nest Top
1815' Mahogany Top
4069' Wasatch Top
6121' Mesaverde Top

BOTTOMS:

6121' Wasatch Bottom
8000' Mesaverde Bottom (TD)

Estimated T.O.C. from CBL @ ~1700'

GENERAL:

- A minimum of **8** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburton's Induction-Density-Neutron log dated 3/2/08
- **3** fracturing stages required for coverage.
- Procedure calls for **4** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE.** Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40 mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~6968'
- Originally completed on 4/7/2008

Existing Perforations:

Zone	Feet of Pay	Perfs		SPF	Holes
		Top, ft.	Bot., ft		
MESAVERDE	3	6130	6132	4	8
MESAVERDE	5	6176	6184	4	32
MESAVERDE	5	6768	6776	4	32
MESAVERDE	2	6869	6871	4	8
MESAVERDE	15	6988	6990	3	6
MESAVERDE	5	7052	7057	3	15
MESAVERDE	6	7088	7094	4	24
MESAVERDE	3	7198	7202	4	16
MESAVERDE	4	7254	7262	3	24
MESAVERDE	2	7368	7372	4	16
MESAVERDE	4	7400	7404	4	16
MESAVERDE	2	7498	7500	4	8
MESAVERDE	2	7701	7703	4	8
MESAVERDE	2	7733	7734	4	4
MESAVERDE	8	7847	7850	4	12
MESAVERDE	3	7889	7894	4	20

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. If the tubing is below the proposed CBP depth, TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~6968'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOO H.
3. If tbg looks ok consider running a gauge ring to 5808 (50' below proposed CBP). Otherwise P/U a mill and C/O to 5808 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 5758'. Pressure test BOP and casing to 6000 psi. .

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5502	5504	3	6
WASATCH	5566	5570	3	12
WASATCH	5722	5728	4	24

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5502' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~5364'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5324	5334	4	40

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5324' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~4870'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	4830	4840	4	40

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~4830' and flush only with recycled water.

11. Set 8000 psi CBP at~4780'.

12. TIH with 3 7/8" mill, sliding sleeve, SN and tubing.

13. Mill plugs and clean out to 5758. Land tubing at **±6968'** and open sleeve unless indicated otherwise by the well's behavior. This well will be commingled at this time.

14. RDMO

15. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete, if necessary.

For design questions, please call
Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

For field implementation questions, please call
Jeff Samuels, Vernal, UT
435-781-7046 (Office)

NOTES:

Bonanza 1023-18A
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	WASATCH	5502	5504	3	6		5484.5	to	5507.5
	WASATCH	5566	5570	3	12		5559.5	to	5574
	WASATCH	5722	5728	4	24		5721	to	5729.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					42		CBP DEPTH	5,364	
2	WASATCH	5324	5334	4	40		5316	to	5334.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					40		CBP DEPTH	4,870	
3	WASATCH	4830	4840	4	40		4826	to	4842.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					40		CBP DEPTH	4,780	
	Totals				122				

Fracturing Schedules

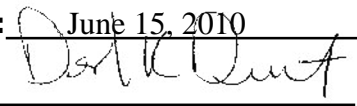
Bonanza 1023-18A

Slickwater Frac

Recomplete?	Y
Pad?	N
ACTS?	N

Swabbing Days	0	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Md-Ft of Pay	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
			Top, ft.	Bot., ft																	
1	WASATCH	0.806	5502	5504	3	6	Varied	Pump-in test			Slickwater		0	0	0						
	WASATCH	0.855	5566	5570	3	12	0	ISIP and 5 min ISIP			Slickwater										35
	WASATCH	0.134	5722	5728	4	24	50	Slickwater Pad			Slickwater	8,074	8,074	192	192	15.0%	0.0%	0	0		24
	WASATCH	0.00					50	Slickwater Ramp	0.25	1.5	Slickwater	26,915	34,989	641	833	50.0%	35.7%	23,550	23,550		81
	WASATCH	0.00					50	Slickwater Ramp	1.5	3	Slickwater	18,840	53,829	449	1,282	35.0%	64.3%	42,390	65,941		0
	WASATCH	0.00					50	Flush (4-1/2)			Slickwater	3,592	57,421	86	1,367				65,941		0
	WASATCH	0.00						ISDP and 5 min ISDP			Slickwater										0
	WASATCH	0.00																	65,941		0
	WASATCH	0.00										57,421		86	1,367						35
	WASATCH	0.00																			
	WASATCH	0.00																			175
		1.79	# of Perfs/stage			Look	42							Flush depth		5502	gal/md-ft	30,000	36,750	lbs sand/md-ft	
							27.3	<< Above pump time (min)										CBP depth	5,364		
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	WASATCH	0.00																	30,160		0
	WASATCH	0.00										28,096		83	669						32
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	WASATCH	0.00																			80
		0.12	# of Perfs/stage			Look	40							Flush depth		5324	gal/md-ft	200,000	245,000	lbs sand/md-ft	
							13.4	<< Above pump time (min)										CBP depth	4,870		
3	WASATCH	1.147	4830	4840	4	40	Varied	Pump-in test			Slickwater		0	0	0						
	WASATCH	0.00					0	ISIP and 5 min ISIP			Slickwater										
	WASATCH	0.00					50	Slickwater Pad			Slickwater	5,162	5,162	123	123	15.0%	0.0%	0	0		15
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	WASATCH	0.00					50	Flush (4-1/2)			Slickwater	3,153	37,566	75	894				42,156		0
	WASATCH	0.00						ISDP and 5 min ISDP			Slickwater										0
	WASATCH	0.00																			0
	WASATCH	0.00										37,566		75	894				42,156		0
	WASATCH	0.00																			
	WASATCH	0.00																			67
		1.15	# of Perfs/stage			Look	40							Flush depth		4830	gal/md-ft	30,000	36,750	lbs sand/md-ft	
							17.9	<< Above pump time (min)										CBP depth	4,780		
	Totals	3.06				122						Total Fluid	123,082 2,931	gals bbls	2,931	bbls		Total Sand	138,256		
							1.0								6.5	tanks		Total Scale Inhib. =			321

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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: BONANZA 1023-18A			
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PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/14/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE WASATCH FORMATION. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH WITH THE EXISTING MESAVERDE FORMATION. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: June 15, 2010 By: 			
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst			
SIGNATURE N/A		DATE 6/9/2010			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047382430000

Authorization: Board Cause No. 173-14

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: June 15, 2010
By: Dan K. Quist

Greater Natural Buttes Unit



BONANZA 1023-18A RE-COMPLETIONS PROCEDURE

**DATE:6/9/10
AFE#:**

COMPLETIONS ENGINEER: Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: Bonanza 1023-18A
Location: NE NE Sec. 18 T10S R23E
Uintah County, UT
Date: 6/2/10

ELEVATIONS: 5345' GL 5363' KB

TOTAL DEPTH: 8000' **PBTD:** 7936'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2111'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 7981'
 Marker Joint **4074-4096'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1036' Green River Top
 1333' Bird's Nest Top
 1815' Mahogany Top
 4069' Wasatch Top
 6121' Mesaverde Top

BOTTOMS:

6121' Wasatch Bottom
 8000' Mesaverde Bottom (TD)

Estimated T.O.C. from CBL @ ~1700'

GENERAL:

- A minimum of **8** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburton's Induction-Density-Neutron log dated 3/2/08
- **3** fracturing stages required for coverage.
- Procedure calls for **4** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE.** Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40 mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~6968'
- Originally completed on 4/7/2008

Existing Perforations:

Zone	Feet of Pay	Perfs		SPF	Holes
		Top, ft.	Bot., ft		
MESAVERDE	3	6130	6132	4	8
MESAVERDE	5	6176	6184	4	32
MESAVERDE	5	6768	6776	4	32
MESAVERDE	2	6869	6871	4	8
MESAVERDE	15	6988	6990	3	6
MESAVERDE	5	7052	7057	3	15
MESAVERDE	6	7088	7094	4	24
MESAVERDE	3	7198	7202	4	16
MESAVERDE	4	7254	7262	3	24
MESAVERDE	2	7368	7372	4	16
MESAVERDE	4	7400	7404	4	16
MESAVERDE	2	7498	7500	4	8
MESAVERDE	2	7701	7703	4	8
MESAVERDE	2	7733	7734	4	4
MESAVERDE	8	7847	7850	4	12
MESAVERDE	3	7889	7894	4	20

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. If the tubing is below the proposed CBP depth, TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~6968'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOO H.
3. If tbg looks ok consider running a gauge ring to 5808 (50' below proposed CBP). Otherwise P/U a mill and C/O to 5808 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 5758'. Pressure test BOP and casing to 6000 psi. .

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5502	5504	3	6
WASATCH	5566	5570	3	12
WASATCH	5722	5728	4	24

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5502' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~5364'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5324	5334	4	40

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5324' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~4870'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	4830	4840	4	40

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~4830' and flush only with recycled water.

11. Set 8000 psi CBP at~4780'.

12. TIH with 3 7/8" mill, sliding sleeve, SN and tubing.

13. Mill plugs and clean out to 5758. Land tubing at **±6968'** and open sleeve unless indicated otherwise by the well's behavior. This well will be commingled at this time.

14. RDMO

15. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete, if necessary.

For design questions, please call
Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

For field implementation questions, please call
Jeff Samuels, Vernal, UT
435-781-7046 (Office)

NOTES:

Bonanza 1023-18A
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	WASATCH	5502	5504	3	6		5484.5	to	5507.5
	WASATCH	5566	5570	3	12		5559.5	to	5574
	WASATCH	5722	5728	4	24		5721	to	5729.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					42		CBP DEPTH	5,364	
2	WASATCH	5324	5334	4	40		5316	to	5334.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					40		CBP DEPTH	4,870	
3	WASATCH	4830	4840	4	40		4826	to	4842.5
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	WASATCH								
	# of Perfs/stage				Look				
					40		CBP DEPTH	4,780	
	Totals				122				

Fracturing Schedules

Bonanza 1023-18A

Slickwater Frac

Recomplete?	Y
Pad?	N
ACTS?	N

Swabbing Days	0	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Md-Ft of Pay	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
			Top, ft.	Bot., ft																	
1	WASATCH	0.806	5502	5504		3	6	Varied			Slickwater		0	0	0						
	WASATCH	0.855	5566	5570				0													
	WASATCH	0.134	5722	5728				50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
2	WASATCH	0.123	5324	5334		4	40	Varied			Slickwater		0	0	0						
	WASATCH	0.00						0													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
3	WASATCH	1.147	4830	4840		4	40	Varied			Slickwater		0	0	0						
	WASATCH	0.00						0													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						50													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
	WASATCH	0.00						ISDP													
Totals		3.06					122	17.9				Total Fluid	123,082	2,931	2,931	bbls		Total Sand	138,256		
								1.0								6.5	tanks			Total Scale Inhib. =	321

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU384211a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
KERR-MCGEE OIL&GAS ONSHORE
Contact: GINA T BECKER
Email: GINA.BECKER@ANADARKO.COM8. Lease Name and Well No.
BONANZA 1023-18A3. Address P.O. BOX 173779
DENVER, CO 802173a. Phone No. (include area code)
Ph: 720-929-60869. API Well No.
43-047-38243

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENE 283FNL 434FEL 39.95544 N Lat, 109.36165 W Lon

At top prod interval reported below NENE 283FNL 434FEL 39.95544 N Lat, 109.36165 W Lon

At total depth NENE 283FNL 434FEL 39.95544 N Lat, 109.36165 W Lon

10. Field and Pool, or Exploratory
NATURAL BUTTES11. Sec., T., R., M., or Block and Survey
or Area Sec 18 T10S R23E Mer SLB12. County or Parish
UINTAH13. State
UT14. Date Spudded
01/19/200815. Date T.D. Reached
03/01/200816. Date Completed
☐ D & A ☒ Ready to Prod.
08/20/201017. Elevations (DF, KB, RT, GL)*
5345 GL18. Total Depth: MD
TVD 800019. Plug Back T.D.: MD
TVD 793620. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each),
GR/CBL-CCL-SD/DSN W/ACOMP TRUE RESISTIVITY (long logs)
NO NEW LOGS RUN22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 J55	36.7		40		28			
12.250	9.625 J55	36.0		2120		1050			
7.875	4.500 I80	11.6		8000		1414			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	6968							

25. Producing Intervals *WASATCH*

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	4830	5728	4830 TO 5728	0.360	122	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4830 TO 5728	PUMP 3,262 BBLS SLICK H2O & 135,438 LBS 30/50 SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/07/2010	09/24/2010	24	→	0.0	376.0	87.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI	616.0	→	0	376	87		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #94807 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

DIV. OF OIL, GAS & MINING

RECEIVED
OCT 19 2010

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER BIRD'S NEST MAHOGANY WASATCH MESAVERDE	1036 1333 1815 4069 6121	6121 8000	TD		

32. Additional remarks (include plugging procedure):
RECOMPLETION CHRONO WELL HISTORY IS ATTACHED.
RECOMPLETION CHRONO DETAILS INDIVIDUAL FRAC STAGES.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #94807 Verified by the BLM Well Information System.
For KERR-MCGEE OIL&GAS ONSHORE,L.P, sent to the Vernal

Name (please print) GINA T BECKER

Title REGULATORY ANALYST II

Signature (Electronic Submission)

Date 10/13/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-18A		Spud Conductor: 1/19/2008		Spud Date: 1/19/2008	
Project: UTAH-UINTAH		Site: BONANZA 1023-18A		Rig Name No: LEED 698/698	
Event: RECOMPL/RESEREVEADD		Start Date: 8/17/2010		End Date: 8/20/2010	
Active Datum: RKB @5,363.00ft (above Mean Sea Level)		UWI: 0/10/S/23/E/18/0/NENE/6/PM/N/283.00/E/0/434.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/17/2010	7:00 - 15:00	8.00	COMP	30	A	P		<p>7AM [DAY 1] JSA-- RIG UP RIG, N/U BOP, PMPG 15% HCL.</p> <p>PROIR TO MIRU, PLE WAS REMOVED FROM WELL. RIG UP RIG. FTP=125#, FCP=125#. BLEW WELL DOWN. PMP 30 BBLS TMAC DN TBG. NDWH, NUBOP. R/U FLOOR & TBG EQUIPMENT. UNLAND TBG. L/D HANGER.</p> <p>MIRU NALCO. PUMP 3 BBLS 15% HCL DOWN TBG & CHASE WITH 60 BBLS TMAC MIXED W/ 5 GAL 9021 H2S SCAVENGER. RDMO NALCO. LET TREATMENT SIT OVERNIGHT.</p> <p>3PM SWI-SDFD.</p>
8/18/2010	7:00 - 16:00	9.00	COMP	30		P		<p>7AM [DAY 2] JSA-- POOH W/ TBG.</p> <p>EOT @ 6968'. SITP=450#, SICP=450#. OPEN CSG TO FBT TO BLOW WELL DOWN. PIMP 30 BBLS TMAC DOWN TBG. POOH STDG BACK 2-2/8" TBG. KILL WELL 3 X WHILE POOH. L/D BHA. TBG HAD VERY LIGHT SCALE ON O.D. ON BTM 4 JTS. L/D 1 CRIMPED JT.-- CRIMPED JT WHEN BREAKING CONNECTION.</p> <p>PUMPED TOTAL OF 130 BBLS TO CONTROL WELL. R/D FLOOR & TBG EQUIPMENT. NDBOP, NUFV'S. R/U FLOOR.</p> <p>MIRU C.H.S. RIH W/ 4.5" GAUGE RING TO 5810'. POOH, RIH W/ BAKER 8K CBP & SET @ 5758'. POOH & L/D WIRE LINE TOOLS.</p> <p>FILL CSG W/ 80 BBLS TMAC & PRESSURE UP TO 3000# W/ RIG PUMP.</p> <p>MIRU B&C QUICK TEST.-- P.T. CSG & FRAC VALVES TO 6200#. RDMO B&C.</p> <p>[STG#1] RIH W/ PERF GUNS & PERF THE WASATCH @ 5722-5728, 4 SPF, 5566-5570, 3SPF, & 5502-5504, 3 SPF USING 3-3/8" EXP GUNS, 23 GM, 0.36, 42 HOLES. WHP=0.</p> <p>4 PM SWI-SDFN. PREP TO FRAC W/ FRAC TECH IN AM.</p>

US ROCKIES REGION

Operation Summary Report

Well: BONANZA 1023-18A	Spud Conductor: 1/19/2008	Spud Date: 1/19/2008
Project: UTAH-UINTAH	Site: BONANZA 1023-18A	Rig Name No: LEED 698/698
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Active Datum: RKB @5,363.00ft (above Mean Sea Level)	UWI: 0/10/S/23/E/18/0/NENE/6/PM/N/283.00/E/0/434.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/19/2010	6:00 -		COMP	36	E	P		<p>6AM [DAY 3] JSA W/ FRAC TECH, C.H.S. & RIG CREW.</p> <p>[STG#1] MIRU FRAC TECH. P.T. SURFACE LINES TO 7280#. WHP=0#. BRK DN PERFS @ 2373 @ 7 BPM. ISIP=1434, FG=.69. BULLHEAD 3 BBLS 15% HCL. CALC ALL PERFS OPEN. PMPD 1570 BBLS SLK WTR & 66,378# 30/50 SAND W/ 5000# TLC @ TAIL. ISIP=1507, FG=.70, NPI=73, MP=4312, MR=53, AP=2600, AR=51 BPM. RAMP TO 3# SAND.</p> <p>[STG#2] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 5364'. PERF THE WASATCH @ 5324-5334 USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° PHS, 4 SPF, 40 HOLES. WHP=1290. BRK DN PERFS @ 1608 @ 9 BPM. ISIP=1349, FG=.69. CALC ALL PERFE OPEN. PMPD 763 BBLS SLK WTR & 30,723# 30/50 SAND W/ 5000# TLC @ TAIL. ISIP=1462, FG=.70, NPI=113, MP=3694, MR=50, AP=2300, AR=50 BPM. RAMP TO 3# SAND.</p> <p>[STG#3] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 4870'. PERF THE WASATCH @ 4830-4840 USING 3-3/8" EXP GUNS, 23 GM, 0.36, 4 SPF, 90° PHS, 40 HOLES. WHP=180. BRK DN PERFS @ 2749 @ 8 BPM. ISIP=624, FG=.56. CALC ALL PERFS OPEN. PMPD 929 BBLS SLK WTR & 38,337# 30/50 SAND W/ 5000# TLC @ TAIL. ISIP=1557, FG=.76, NPI=933, MP=3070, MR=51, AP=2300, AR=50 BPM. RAMP TO 3# SAND.</p> <p>[KILL PLUG] RIH W/ BAKER 8K CBP & SET @ 4780'. POOH & L/D WIRE LINE TOOLS. RDMO C.H.S. & FRAC TECH. GRAND TOTAL 30/50 & TLC SAND PMPD=135,438# & TOTAL FLUID =3262 BBLS. INSTALL PLUG IN TBG HANGER BOWL. NDFV'S. NUBOP. RETEIVE PLUG IN TBG HANGER BOWL. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" SEALED BRG BIT, POBS W/ XN NIPPLE & RIH OUT OF DERRICK ON 2-3/8" J-55 TBG. TAG KILL PLUG @ 4780'. R/U SWVL & RIG PMP. TOTAL LOAD W/ RIG PMPD BBLS=3532 BBLS.</p> <p>3 PM SWI-SDFD. PREP TO D/O CBP'S & LAND TBG IN AM.</p>

US ROCKIES REGION

Operation Summary Report

Well: BONANZA 1023-18A	Spud Conductor: 1/19/2008	Spud Date: 1/19/2008
Project: UTAH-UINTAH	Site: BONANZA 1023-18A	Rig Name No: LEED 698/698
Event: RECOMPL/RESERVEADD	Start Date: 8/17/2010	End Date: 8/20/2010
Active Datum: RKB @5,363.00ft (above Mean Sea Level)	UWI: 0/10/S/23/E/18/0/NENE/6/PM/N/283.00/E/0/434.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/20/2010	7:00 - 18:00	11.00	COMP	30	B	P		<p>7AM [JSA-- DRLG CBP'S W/ N2.</p> <p>MIRU CUDD N2 UNIT. SICP=VACUM, SITP=VACUM. EOT @ 4770'. ESTABLISH CIRCULATION W/ RIG PUMP. P.T. BOP/CSG TO 3000#. REGAIN CIRCULATION W/ N2. UNLOAD FLUID FROM WELL.</p> <p>[DRLG CBP#1] @ 4780'. D/O BAKER 8K CBP IN 3 MIN. 0# INC. RIH & C/O 20' SAND TO CBP#2. FCP=0#.</p> <p>[DRLG CBP#2] @ 4870'. D/O BAKER 8K CBP IN 2 MIN. 75# INC. RIH & C/O 20' SAND TO CBP#3. FCP=150#.</p> <p>[DRLG CBP#3] @ 5364'. D/O BAKER 8K CBP IN 3 MIN. 25# INC. RIH & C/O 50' SAND TO CBP#4. UNLOAD FLUID FROM WELL W/ N2. FCP=500#.</p> <p>[DRLG CBP#4] @ 5758'. D/O BAKER 10K CBP IN 3 MIN. LOSS 350#. RIH TAG SCALE @ 7320 .LOST CIRCULATION. ESTABLISH CIRCULATION IN 43 MINUTES W/ N2. C/O 48' HARD SCALE. FELL THROUGH. RIH TAG SCALE @ 7808'. C/O 126' HARD SCALE TO PBTD @ 7934'. FCP=300#. CIRCULATE WELL CLN. R/D SWWL. POOH & L/D 31 JTS & RTRV STRING FLOATS. LAND TBG ON HANGER W/ 221 JTS 2-3/8" J-55 YELL BND TBG. EOT @ 6967.99' & POBS W/ XN @ 6965.79'. R/D FLOOR & TBG EQUIPMENT. NDBOP, NUWH. DROP BALL DOWN TBG & PUMP OFF THE BIT @ 750# OPEN WELL TO FBT ON OPEN CHOKE. FTP=0#, SICP=200#. RACK EQUIPMENT. RDMO CUDD N2 UNIT.</p> <p>6 PM TURN WELL OVER TO DELSCO FBC. LTR=3092 BBLS</p>
8/21/2010	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 900#, TP 0#, OPEN/64" CK, - BWPH, 0 SAND, 0 GAS</p> <p>TTL BBLS RECOVERED: 440</p> <p>BBLS LEFT TO RECOVER: 3092</p>
8/22/2010	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 900#, TP 0#, OPEN/64" CK, - BWPH, 0 SAND, 0 GAS</p> <p>TTL BBLS RECOVERED: 556</p> <p>BBLS LEFT TO RECOVER: 2976</p>
8/23/2010	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 900#, TP 0#, OPEN/64" CK, - BWPH, 0 SAND, 0 GAS</p> <p>TTL BBLS RECOVERED: 666</p> <p>BBLS LEFT TO RECOVER: 2866</p>
9/1/2010	13:00 -		PROD	50				<p>WELL TURNED TO SALES @ 1300 HR ON 9/1/10 - 350 MCFD, 240 BWPD, CP 550#, FTP 105#, CK 60/64"</p>
9/24/2010	7:00 -			50				<p>WELL IP'D ON 9/24/10 - 376 MCFD, 0 BOPD, 87 BWPD, CP 616#, FTP 72#, CK 48/64", LP 78#, 24 HRS</p>

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6029

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
See Atchmt	See Atchmt						
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
	99999	18519				5/11/2012	
Comments: Please see attachment with list of Wells in the Ponderosa Unit. <u>WSMVD</u> 5/30/2012							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

MAY 21 2012

Div. of Oil, Gas & Mining

Cara Mahler

Name (Please Print)

Signature

REGULATORY ANALYST

Title

5/21/2012

Date

well_name	sec	tpw	rng	api	entity		lease	well	stat	qtr_qtr	bhl	surf	zone	a_stat	l_num	op_no
SOUTHMAN CANYON 31-3	31	090S	230E	4304734726	13717		1	GW	P	SENW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CANYON 31-4	31	090S	230E	4304734727	13742		1	GW	S	SESW		1	WSMVD	S	UTU-33433	N2995
SOUTHMAN CYN 31-2X (RIG SKID)	31	090S	230E	4304734898	13755		1	GW	P	NWNW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31J	31	090S	230E	4304735149	13994		1	GW	P	NWSE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31B	31	090S	230E	4304735150	13953		1	GW	P	NWNE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31P	31	090S	230E	4304735288	14037		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31H	31	090S	230E	4304735336	14157		1	GW	P	SENE		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31O	31	090S	230E	4304737205	16827		1	GW	P	SWSE		1	MVRD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31K	31	090S	230E	4304737206	16503		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31G	31	090S	230E	4304737208	16313		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31E	31	090S	230E	4304737209	16521		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31A	31	090S	230E	4304737210	16472		1	GW	P	NENE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31C	31	090S	230E	4304737227	16522		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-1G	01	100S	230E	4304735512	14458		1	GW	P	SWNE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1A	01	100S	230E	4304735717	14526		1	GW	P	NENE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1E	01	100S	230E	4304735745	14524		1	GW	P	SWNW		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1C	01	100S	230E	4304735754	14684		1	GW	P	NENW		1	MVRD	P	U-40736	N2995
BONANZA 1023-1K	01	100S	230E	4304735755	15403		1	GW	P	NESW		1	MVRD	P	U-38423	N2995
BONANZA 1023-1F	01	100S	230E	4304737379	16872		1	GW	P	SENW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1B	01	100S	230E	4304737380	16733		1	GW	P	NWNE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1D	01	100S	230E	4304737381	16873		1	GW	P	NWNW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1H	01	100S	230E	4304737430	16901		1	GW	P	SENE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1L	01	100S	230E	4304738300	16735		1	GW	P	NWSW		1	MVRD	P	UTU-38423	N2995
BONANZA 1023-1J	01	100S	230E	4304738302	16871		1	GW	P	NWSE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1I	01	100S	230E	4304738810	16750		1	GW	P	NESE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-2E	02	100S	230E	4304735345	14085		3	GW	P	SWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2C	02	100S	230E	4304735346	14084		3	GW	P	NENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2A	02	100S	230E	4304735347	14068		3	GW	P	NENE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2G	02	100S	230E	4304735661	14291		3	GW	P	SWNE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O	02	100S	230E	4304735662	14289		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2I	02	100S	230E	4304735663	14290		3	GW	S	NESE		3	WSMVD	S	ML-47062	N2995
BONANZA 1023-2MX	02	100S	230E	4304736092	14730		3	GW	P	SWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H	02	100S	230E	4304737093	16004		3	GW	P	SENE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D	02	100S	230E	4304737094	15460		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2B	02	100S	230E	4304737095	15783		3	GW	P	NWNE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2P	02	100S	230E	4304737223	15970		3	GW	P	SESE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2N	02	100S	230E	4304737224	15887		3	GW	P	SESW		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2L	02	100S	230E	4304737225	15833		3	GW	P	NWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2F	02	100S	230E	4304737226	15386		3	GW	P	SENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D-4	02	100S	230E	4304738761	16033		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O-1	02	100S	230E	4304738762	16013		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H3CS	02	100S	230E	4304750344	17426		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G3BS	02	100S	230E	4304750345	17428		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G2CS	02	100S	230E	4304750346	17429		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G1BS	02	100S	230E	4304750347	17427		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995

BONANZA 1023-2M1S	02	100S	230E	4304750379	17443		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2L2S	02	100S	230E	4304750380	17444		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K4S	02	100S	230E	4304750381	17446		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K1S	02	100S	230E	4304750382	17445		3	GW	P	SENW	D	3	WSMVD	P	ML 47062	N2995
BONANZA 4-6 ✱	04	100S	230E	4304734751	13841		1	GW	P	NESW		1	MNCS	P	UTU-33433	N2995
BONANZA 1023-4A	04	100S	230E	4304735360	14261		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4E	04	100S	230E	4304735392	14155		1	GW	P	SWNW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4C	04	100S	230E	4304735437	14252		1	GW	P	NENW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4M	04	100S	230E	4304735629	14930		1	GW	P	SWSW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4O	04	100S	230E	4304735688	15111		1	GW	P	SWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4I	04	100S	230E	4304735689	14446		1	GW	P	NESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4G	04	100S	230E	4304735746	14445		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4D	04	100S	230E	4304737315	16352		1	GW	P	NWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4H	04	100S	230E	4304737317	16318		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4B	04	100S	230E	4304737328	16351		1	GW	P	NWNE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4L	04	100S	230E	4304738211	16393		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4P	04	100S	230E	4304738212	16442		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4N	04	100S	230E	4304738303	16395		1	GW	P	SESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4FX (RIGSKID)	04	100S	230E	4304739918	16356		1	GW	P	SENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5O	05	100S	230E	4304735438	14297		1	GW	P	SWSE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5AX (RIGSKID)	05	100S	230E	4304735809	14243		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5C	05	100S	230E	4304736176	14729		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G	05	100S	230E	4304736177	14700		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5M	05	100S	230E	4304736178	14699		1	GW	P	SWSW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5K	05	100S	230E	4304736741	15922		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5B	05	100S	230E	4304737318	16904		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5E	05	100S	230E	4304737319	16824		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5H	05	100S	230E	4304737320	16793		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5N	05	100S	230E	4304737321	16732		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5L	05	100S	230E	4304737322	16825		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5J	05	100S	230E	4304737428	17055		1	GW	P	NWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5P	05	100S	230E	4304738213	16795		1	GW	P	SESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5N-1	05	100S	230E	4304738911	17060		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5PS	05	100S	230E	4304750169	17323		1	GW	P	NESE	D	1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G2AS	05	100S	230E	4304750486	17459		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G2CS	05	100S	230E	4304750487	17462		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3BS	05	100S	230E	4304750488	17461		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3CS	05	100S	230E	4304750489	17460		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5N4AS	05	100S	230E	4304752080	18484		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU73450	N2995
BONANZA 1023-8C2DS	05	100S	230E	4304752081	18507		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU37355	N2995
BONANZA 6-2	06	100S	230E	4304734843	13796		1	GW	TA	NESW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6C	06	100S	230E	4304735153	13951		1	GW	P	NENW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6E	06	100S	230E	4304735358	14170		1	GW	P	SWNW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6M	06	100S	230E	4304735359	14233		1	GW	P	SWSW		1	WSMVD	P	U-38419	N2995
BONANZA 1023-6G	06	100S	230E	4304735439	14221		1	GW	P	SWNE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6O	06	100S	230E	4304735630	14425		1	GW	TA	SWSE		1	WSMVD	TA	U-38419	N2995

✱ not moved in unit

BONANZA 1023-6A	06	100S	230E	4304736067	14775		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-6N	06	100S	230E	4304737211	15672		1	GW	P	SESW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6L	06	100S	230E	4304737212	15673		1	GW	P	NWSW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6J	06	100S	230E	4304737213	15620		1	GW	P	NWSE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6F	06	100S	230E	4304737214	15576		1	GW	TA	SENW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6P	06	100S	230E	4304737323	16794		1	GW	P	SESE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6H	06	100S	230E	4304737324	16798		1	GW	S	SENE		1	WSMVD	S	UTU-33433	N2995
BONANZA 1023-6D	06	100S	230E	4304737429	17020		1	GW	P	NWNW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6B	06	100S	230E	4304740398	18291		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-6M1BS	06	100S	230E	4304750452	17578		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1AS	06	100S	230E	4304750453	17581		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1CS	06	100S	230E	4304750454	17580		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N4BS	06	100S	230E	4304750455	17579		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I2S	06	100S	230E	4304750457	17790		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I4S	06	100S	230E	4304750458	17792		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6J3S	06	100S	230E	4304750459	17791		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6P1S	06	100S	230E	4304750460	17793		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6A2CS	06	100S	230E	4304751430	18292		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4BS	06	100S	230E	4304751431	18293		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4CS	06	100S	230E	4304751432	18294		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6C4BS	06	100S	230E	4304751449	18318		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
BONANZA 1023-6D1DS	06	100S	230E	4304751451	18316		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
FLAT MESA FEDERAL 2-7	07	100S	230E	4304730545	18244		1	GW	S	NENW		1	WSMVD	S	U-38420	N2995
BONANZA 1023-7B	07	100S	230E	4304735172	13943		1	GW	P	NWNE		1	MVRD	P	U-38420	N2995
BONANZA 1023-7L	07	100S	230E	4304735289	14054		1	GW	P	NWSW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7D	07	100S	230E	4304735393	14171		1	GW	P	NWNW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7P	07	100S	230E	4304735510	14296		1	GW	P	SESE		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7H	07	100S	230E	4304736742	15921		1	GW	P	SENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7NX (RIGSKID)	07	100S	230E	4304736932	15923		1	GW	P	SESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7M	07	100S	230E	4304737215	16715		1	GW	P	SWSW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7K	07	100S	230E	4304737216	16714		1	GW	P	NESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7E	07	100S	230E	4304737217	16870		1	GW	P	SWNW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7G	07	100S	230E	4304737326	16765		1	GW	P	SWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	100S	230E	4304737327	16796		1	GW	P	NENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7O	07	100S	230E	4304738304	16713		1	GW	P	SWSE		1	MVRD	P	UTU-38420	N2995
BONANZA 1023-7B-3	07	100S	230E	4304738912	17016		1	GW	P	NWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-07JT	07	100S	230E	4304739390	16869		1	GW	P	NWSE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7J2AS	07	100S	230E	4304750474	17494		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7J2DS	07	100S	230E	4304750475	17495		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7L3DS	07	100S	230E	4304750476	17939		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7M2AS	07	100S	230E	4304750477	17942		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2AS	07	100S	230E	4304750478	17940		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2DS	07	100S	230E	4304750479	17941		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7O4S	07	100S	230E	4304750480	17918		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7P2S	07	100S	230E	4304750482	17919		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 8-2	08	100S	230E	4304734087	13851		1	GW	P	SESE		1	MVRD	P	U-37355	N2995

BONANZA 8-3	08	100S	230E	4304734770	13843		1	GW	P	NWNW		1	MVRD	P	U-37355	N2995
BONANZA 1023-8A	08	100S	230E	4304735718	14932		1	GW	P	NENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8L	08	100S	230E	4304735719	14876		1	GW	P	NWSW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8N	08	100S	230E	4304735720	15104		1	GW	P	SESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8F	08	100S	230E	4304735989	14877		1	GW	S	SENW		1	WSMVD	S	UTU-37355	N2995
BONANZA 1023-8I	08	100S	230E	4304738215	16358		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8K	08	100S	230E	4304738216	16354		1	GW	P	NESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8M	08	100S	230E	4304738217	16564		1	GW	P	SWSW		1	MVRD	P	UTU-37355	N2995
BONANZA 1023-8G	08	100S	230E	4304738218	16903		1	GW	P	SWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8E	08	100S	230E	4304738219	16397		1	GW	P	SWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8C	08	100S	230E	4304738220	16355		1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B	08	100S	230E	4304738221	16292		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8H	08	100S	230E	4304738222	16353		1	GW	P	SENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8O	08	100S	230E	4304738305	16392		1	GW	P	SWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B-4	08	100S	230E	4304738914	17019		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8A1DS	08	100S	230E	4304750481	17518		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4BS	08	100S	230E	4304750483	17519		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B1AS	08	100S	230E	4304750484	17520		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B2AS	08	100S	230E	4304750485	17521		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O2S	08	100S	230E	4304750495	17511		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J1S	08	100S	230E	4304750496	17509		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3S	08	100S	230E	4304750497	17512		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J3	08	100S	230E	4304750498	17510		1	GW	P	NWSE		1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C4CS	08	100S	230E	4304750499	17544		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D2DS	08	100S	230E	4304750500	17546		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D3DS	08	100S	230E	4304750501	17545		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3DS	08	100S	230E	4304750502	17543		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4CS	08	100S	230E	4304751131	18169		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B3BS	08	100S	230E	4304751132	18167		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C1AS	08	100S	230E	4304751133	18166		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G3AS	08	100S	230E	4304751134	18168		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2AS	08	100S	230E	4304751135	18227		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3BS	08	100S	230E	4304751136	18227		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4AS	08	100S	230E	4304751137	18224		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4DS	08	100S	230E	4304751138	18225		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J2CS	08	100S	230E	4304751139	18226		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G4DS	08	100S	230E	4304751140	18144		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H2DS	08	100S	230E	4304751141	18142		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H3DS	08	100S	230E	4304751142	18143		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H4DS	08	100S	230E	4304751143	18141		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8I4BS	08	100S	230E	4304751144	18155		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J4BS	08	100S	230E	4304751145	18154		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P1AS	08	100S	230E	4304751146	18156		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2BS	08	100S	230E	4304751147	18153		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P4AS	08	100S	230E	4304751148	18157		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2DS	08	100S	230E	4304751149	18201		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995

BONANZA 1023-8E3DS	08	100S	230E	4304751150	18200		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K1CS	08	100S	230E	4304751151	18199		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K4CS	08	100S	230E	4304751152	18198		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8L3DS	08	100S	230E	4304751153	18197		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2AS	08	100S	230E	4304751154	18217		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2DS	08	100S	230E	4304751155	18216		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N2BS	08	100S	230E	4304751156	18218		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3CS	08	100S	230E	4304751157	18254		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N3DS	08	100S	230E	4304751158	18215		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O4AS	08	100S	230E	4304751159	18252		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2CS	08	100S	230E	4304751160	18251		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P3CS	08	100S	230E	4304751161	18253		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
CANYON FEDERAL 2-9	09	100S	230E	4304731504	1468		1	GW	P	NENW		1	MVRD	P	U-37355	N2995
SOUTHMAN CANYON 9-3-M	09	100S	230E	4304732540	11767		1	GW	S	SWSW		1	MVRD	S	UTU-37355	N2995
SOUTHMAN CANYON 9-4-J	09	100S	230E	4304732541	11685		1	GW	S	NWSE		1	MVRD	S	UTU-37355	N2995
BONANZA 9-6	09	100S	230E	4304734771	13852		1	GW	P	NWNE		1	MVRD	P	U-37355	N2995
BONANZA 9-5	09	100S	230E	4304734866	13892		1	GW	P	SESW		1	MVRD	P	U-37355	N2995
BONANZA 1023-9E	09	100S	230E	4304735620	14931		1	GW	P	SWNW		1	WSMVD	P	U-37355	N2995
BONANZA 1023-9I	09	100S	230E	4304738223	16766		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9D	09	100S	230E	4304738306	16398		1	GW	P	NWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9J	09	100S	230E	4304738811	16989		1	GW	P	NWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9B3BS	09	100S	230E	4304750503	17965		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9B3CS	09	100S	230E	4304750504	17968		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2BS	09	100S	230E	4304750505	17966		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2CS	09	100S	230E	4304750506	17967		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 10-2	10	100S	230E	4304734704	13782		1	GW	P	NWNW		1	MVRD	P	U-72028	N2995
BONANZA 1023-10L	10	100S	230E	4304735660	15164		1	GW	P	NWSW		1	WSMVD	P	U-38261	N2995
BONANZA 1023-10E	10	100S	230E	4304738224	16501		1	GW	P	SWNW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C	10	100S	230E	4304738228	16500		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C-4	10	100S	230E	4304738915	17015		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 11-2 ★	11	100S	230E	4304734773	13768		1	GW	P	SWNW		1	MVMCS	P	UTU-38425	N2995
BONANZA 1023-11K	11	100S	230E	4304735631	15132		1	GW	P	NESW		1	WSMVD	P	UTU-38425	N2995
BONANZA 1023-11B	11	100S	230E	4304738230	16764		1	GW	P	NWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11F	11	100S	230E	4304738232	16797		1	GW	P	SENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11D	11	100S	230E	4304738233	16711		1	GW	P	NWNW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11G	11	100S	230E	4304738235	16826		1	GW	P	SWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11C	11	100S	230E	4304738309	16736		1	GW	P	NENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11J	11	100S	230E	4304738310	16839		1	GW	P	NWSE		1	WSMVD	P	UTU-38424	N2995
BONANZA 1023-11N	11	100S	230E	4304738311	16646		1	GW	P	SESW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11M	11	100S	230E	4304738312	16687		1	GW	P	SWSW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11L	11	100S	230E	4304738812	16987		1	GW	P	NWSW		1	WSMVD	P	UTU-38424	N2995
NSO FEDERAL 1-12	12	100S	230E	4304730560	1480		1	GW	P	NENW		1	MVRD	P	UTU-38423	N2995
WHITE RIVER 1-14	14	100S	230E	4304730481	1500		1	GW	S	NENW		1	MVRD	S	U-38427	N2995
BONANZA 1023-14D	14	100S	230E	4304737030	16799		1	GW	P	NWNW		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-14C	14	100S	230E	4304738299	16623		1	GW	P	NENW		1	MVRD	P	UTU-38427	N2995
BONANZA FEDERAL 3-15	15	100S	230E	4304731278	8406		1	GW	P	NENW		1	MVRD	P	U-38428	N2995

★ not moved into unit

BONANZA 1023-15H	15	100S	230E	4304738316	16688		1	GW	P	SENE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15J	15	100S	230E	4304738817	16988		1	GW	P	NWSE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15H4CS	15	100S	230E	4304750741	17492		1	GW	P	NESE	D	1	MVRD	P	UTU 38427	N2995
BONANZA 1023-15I2AS	15	100S	230E	4304750742	17493		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15I4BS	15	100S	230E	4304750743	17490		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15P1BS	15	100S	230E	4304750744	17491		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
LOOKOUT POINT STATE 1-16	16	100S	230E	4304730544	1495		3	GW	P	NESE		3	WSMVD	P	ML-22186-A	N2995
BONANZA 1023-16J	16	100S	230E	4304737092	15987		3	GW	OPS	NWSE		3	WSMVD	OPS	ML-22186-A	N2995
BONANZA 1023-17B	17	100S	230E	4304735747	15165		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17C	17	100S	230E	4304738237	16585		1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17D3S	17	100S	230E	4304750511	17943		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E2S	17	100S	230E	4304750512	17944		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3AS	17	100S	230E	4304750513	17945		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3CS	17	100S	230E	4304750514	17946		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-18G	18	100S	230E	4304735621	14410		1	GW	P	SWNE		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18B	18	100S	230E	4304735721	14395		1	GW	P	NWNE		1	WSMVD	P	U-38421	N2995
BONANZA 1023-18DX (RIGSKID)	18	100S	230E	4304736218	14668		1	GW	P	NWNW		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18A	18	100S	230E	4304738243	16625		1	GW	P	NENE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18F	18	100S	230E	4304738244	16624		1	GW	P	SENW		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18E	18	100S	230E	4304738245	16645		1	GW	P	SWNW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18C	18	100S	230E	4304738246	16734		1	GW	P	NENW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18G-1	18	100S	230E	4304738916	17135		1	GW	P	SWNE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18D3AS	18	100S	230E	4304750448	17498		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18D3DS	18	100S	230E	4304750449	17499		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E2DS	18	100S	230E	4304750450	17497		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E3AS	18	100S	230E	4304750451	17496		1	GW	P	SENW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L2S	18	100S	230E	4304750520	18111		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L3S	18	100S	230E	4304750521	18110		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3AS	18	100S	230E	4304751061	18112		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3BS	18	100S	230E	4304751063	18113		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2AS	18	100S	230E	4304751064	18117		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2DS	18	100S	230E	4304751065	18116		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2AS	18	100S	230E	4304751066	18114		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2DS	18	100S	230E	4304751067	18115		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-10F	10	100S	230E	4304738225	16565			GW	P	SENW			MVRD	P	UTU 72028	N2995
BONANZA 1023-6D1AS	6	100S	230E	4304751450	18320			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995
BONANZA 1023-6C1CS	6	100S	230E	4304751448	18319			GW		NENW	D				UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995